19971213.qrp v00_n938.qrs.971213

Date: Sat, 13 Dec 1997 19:03:09 EST
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 938

QRP-L Digest 938

Topics covered in this issue include:

  1) [32621] Re: HONEY they shrunk the paddle!
     by "Gene Hall" <evhall@ix.netcom.com>
  2) [32622] Re: Antenna Wire? - Aluminum Worked!!!
     by "Michael A. Gipe" <mgipe@reliablemeters.com>
  3) [32623] Re: QRP-L WebSite Problem
     by "STUART B.D.HUNT" <stuart001@ameritech.net>
  4) [32624] QRP xtals for 17m & up?
     by Charlie Panek <charlier@lsid.hp.com>
  5) [32625] Solar summary 12-12
     by Paul Harden <pharden@aoc.nrao.edu>
  6) [32626] 20m Explorer II wanted
     by David J Adams <adamsclan@netgate.net>
  7) [32627] Re: DX !!
     by Scott McCullough <mcwood@navix.net>
  8) [32628] Re: Vertical Antenna Question
     by "Mike Pender" <steam@megsinet.net>
  9) [32629] Re: Vertical Antenna Question
     by "Mike Pender" <steam@megsinet.net>
 10) [32630] Re: [32531] Good Hand held 2m/70cm FM rigs?
     by Doug Faunt N6TQS +1-510-655-8604 <faunt@netcom.com>
 11) [32631] FS: OHR Equipment
     by k4zd@juno.com (Robert L Hanrahan)
 12) [32632] Re: W0RSP & The FOX -- First Time
     by na5k@juno.com (Smitty Smith)
 13) [32633] FOX: N0GLM report for 11 Dec EST
     by "Buck, Preston D" <BuckPD@corning.com>
 14) [32634] Re: QRP-L WebSite Problem
     by bruce muscolino <w6toy@pop.erols.com>
 15) [32635] Re: DB-25 Challenge?
     by bruce muscolino <w6toy@pop.erols.com>
 16) [32636] MANUAL for HEATH HD-1410 Keyer
     by Ken Graham <k5id@ipa.net>
 17) [32637] Re: Off the wall antenna question...
     by ka7you@juno.com
 18) [32638] FOX Pile-Ups
     by W0rw@kktv.com
 19) [32639] Need MS for QRP-WAS

    by Wa2ocg <Wa2ocg@aol.com>
20) [32640] Re: DB-25 Challenge?
    by "W. Daniel, 9V1ZV" <daniel@pandora.lugs.org.sg>
21) [32641] Re: Ideas for Your 5/8 Wavelength Vertical (long)
    by Bill Myers <bjmyers@arc.net>
22) [32642] Re: Vertical Antenna Question
    by Bill Myers <bjmyers@arc.net>
23) [32643] wanted
    by jerry schnor <jerrylee@cwws.net>
24) [32644] Re: FOX Pile-Ups
    by Paul Helbert <phelbert@rica.net>
25) [32645] Re: MANUAL for HEATH HD-1410 Keyer
    by Chris Cartwright <ccart@dns.vidtel.com>
26) [32646] Re: wanted
    by Paul Helbert <phelbert@rica.net>
27) [32647] Did 38 Special cases ship?
    by David Feldman <dgf@netcom.com>
28) [32648] Re: MANUAL for HEATH HD-1410 Keyer
    by wmcshan@REX.RE.ouhsc.edu (Mike McShan)
29) [32649] Re: Butcatcher vendor
    by Paul Helbert <phelbert@rica.net>
30) [32650] Paddles Received and Finished!!!
    by n5zgt@swcp.com (Brian Mileshosky)
31) [32651] FS:C/21 Parts
    by ckrelic@usaor.net
32) [32652] Re: FOX Pile-Ups
    by gsurrency@juno.com (Gary Surrency)
33) [32653] Re: Mel Evans, GM6JAG
    by "Daniel L. Evans" <dlevans@hsonline.net>
34) [32654] Re: Butcatcher vendor
    by Monte Stark <ku7y@sage.dri.edu>
35) [32655] Re: Vertical Antenna Question
    by "Daniel L. Evans" <dlevans@hsonline.net>
36) [32656] Re: FS: RS dsp 40
    by ac4gt@juno.com (nathan c tart)
37) [32657] RF Parts
    by flyer@hooked.net
38) [32658] Serra Mods?
    by JFelts4572 <JFelts4572@aol.com>
39) [32659] RE: FOX Pile-Ups
    by n4js@pobox.com
40) [32660] HI Hoot Owl, FYBO, and the Red-eye special
    by wmcshan@REX.RE.ouhsc.edu (Mike McShan)
41) [32661] Re: MANUAL for HEATH HD-1410 Keyer
    by K4AHK@ix.netcom.com
42) [32662] Re: FAUX DX OPERATOR?
    by Chris Cartwright <ccart@dns.vidtel.com>
43) [32663] ANYone for dinner in Chicago?

    by "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
44) [32664] Re: ANYone for dinner in Chicago?
    by Jay & Jackie <jayboy@psnw.com>
45) [32665] Re: FOX Pile-Ups
    by "William F. Nicolson Jr" <n2wf@erols.com>
46) [32666] Found... Texas Bugcatcher (ps sri the typo)
    by David Feldman <dgf@netcom.com>
47) [32667] Re: Off the wall antenna question...
    by mikemo@ibm.net
48) [32668] Texas BugCatcher
    by n4so@juno.com (charles k brown)
49) [32669] On The Border
    by adams@chuck.dallas.sgi.com (Chuck Adams)
50) [32670] Re: QRP-L WebSite Problem
    by adams@chuck.dallas.sgi.com (Chuck Adams)
51) [32671] Re: Got a VE2 on my Pixie -- on to DXCC!!
    by adams@chuck.dallas.sgi.com (Chuck Adams)
52) [32672] Daily Solar Reports
    by adams@chuck.dallas.sgi.com (Chuck Adams)
53) [32673] RE: FS: RS DSP 40
    by Jeff Grudin <grudin@pacific.vdbs.com>
54) [32674] Re: FOX Pile-Ups
    by Bruce Rattray <rattray@gpfn.sk.ca>
55) [32675] Re: Found... Texas Bugcatcher (ps sri the typo)
    by Bruce Rattray <rattray@gpfn.sk.ca>
56) [32676] FOX Volunteers and Stuff
    by adams@chuck.dallas.sgi.com (Chuck Adams)
57) [32677] NW8020 circuit mod to improve VFO stability
    by mjmullins@dow.com
58) [32678] Info wanted, NIDA Trainer model 105
    by Michael Neverdosky <MichaelN@cycat.com>
59) [32679] Headset for the Sierra
    by "Benjamin F. Poinsett" <benmail@erols.com>
60) [32680] FS or Trade, Whiterook keyer and key
    by Michael Neverdosky <MichaelN@cycat.com>
61) [32681] Merry Christmas
    by "Juan Antonio LÛpez Delgado, EA8QJ, EA-QRP # 196" <jalopezd@arrakis.es>
62) [32682] FOR SALE
    by Gary Evans <gevans@lightspeed.net>
63) [32683] Ground Rods/Pipes meet Frozen Ground
    by "John T. Croteau" <johnc@geekopolis.com>
64) [32684] KB7MBI WKND N/T+FOX
    by ARDUJENSKI <ARDUJENSKI@aol.com>
65) [32685] FOX: N9DD Corrected Log for Dec.11(Long!)
    by N9DD <N9DD@aol.com>
66) [32686] CW Net
    by R Wilkerson <richqrp@home.com>
67) [32687] Tonight's The Night

    by "Marshall Emm" <mgemm@mtechnologies.com>
 68) [32688] Re: On The Border
    by n5zgt@swcp.com (Brian Mileshosky)
 69) [32689] Kite Antenna
    by n4js@pobox.com (John Sielke)
 70) [32690] Rotatable Dipoles (Cushcraft)
    by "John T. Croteau" <johnc@geekopolis.com>
 71) [32691] Sorry about that
    by Zack Lau <zlau@arrl.org>
 72) [32692] RE: FOX Pile-Ups
    by Monte Stark <ku7y@sage.dri.edu>
 73) [32693] crystal filter
    by Roger Braker <msebrakr@telepath.com>
 74) [32694] KL rig
    by Scottae4vq <Scottae4vq@aol.com>
 75) [32695] Re: Ground Rods/Pipes meet Frozen Ground
    by Steven Weber <kd1jv@moose.ncia.net>
 76) [32696] Available--HWA-7-1 Power Supply Manual
    by ka7you@juno.com
 77) [32697] Re: Serra Mods?
    by Stan <stan@cruzio.com>
 78) [32698] Re: Off the wall antenna question...
    by Zack Lau <zlau@arrl.org>
 79) [32699] RE:FS:C/21 Parts
    by ckrelic@usaor.net
 80) [32700] HI Owl rpt
    by mike@krypton.nmr.Hawaii.Edu (Mike W. Burger)
 81) [32701] Antenna Question (sort of long)
    by Andy Fox <foxes@theriver.com>
 82) [32702] 38 Special Custom Enclosures
    by doug hauff <slmachco@fix.net>
 83) [32703] How I set up my Pixie II / MRX-40 / Tick Keyer combo (long)
    by "JakeCart" <JakeCart@ix.netcom.com>
 84) [32704] "F" Beacon on 7.038??
    by scarylar@juno.com (larry a netz)

Date: Fri, 12 Dec 1997 18:03:49 -0500
From: "Gene Hall" <evhall@ix.netcom.com>
To: <cyee@bidmc.harvard.edu>, "Low Power Amateur Radio Discussion" <qrp-
l@Lehigh.EDU>
Subject: [32621] Re: HONEY they shrunk the paddle!
Message-ID: <199712122302.RAA28049@dfw-ix3.ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Conway,

I built the AT11 about 6 months ago and used hot glue on the coils.

It hasn't given me a peice of trouble during either base or mobile operation.

Stay away from anything that gives off acid vapors. If you use it and enclose it it can actually destroy the copper traces on a circuit board as one ELT manufacturer found out back in the 70's.

73,

Gene
WA4HHP

> From: Conway Yee <cyee@bidmc.harvard.edu>
> To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
> Subject: Re: HONEY they shrunk the paddle!
> Date: Friday, December 12, 1997 4:41 PM
>
> Text of message from Yee,Conway, 12 Dec 1997, 04:39 PM
> Text of message from: jskalski@acsu.buffalo.edu,
> written: on Fri, 12 Dec 1997 at 01:19 PM
> >Well I just got the "bag-o-parts" to build the k8FF paddle...
> >It was a surprise to see how small it actually is.
>
> Still awaiting mine... :(
>
> >L1 on the AT11 seems to be pretty wobbly with only one turn. Maybe I
> >should look at the manual :-)
>
> Figured out a solution to this one (even before the recommended
> SLV silicone is applied). With L1 (and all the rest but especially L1)
> I soldered one end of the wire to secure it and then applied solder
> to the other end of the wire while holding tension on the wire with
> pliers. With L2-L7, I further did a final touch with the soldering
> iron with tension applied to the wires before the wires are trimmed.
> This way, the soldered wire holds the toroid firmly onto the PC
> board.
>
> BTW, SLV silicone has acetic acid in it. Since acid solder is NOT
> a good idea, is SLV suitable? I called LDG and they use hot glue
> guns which get soft at 140 degrees. Is there a better substance?
>
> tnx es 73 de Conway Yee, N2JWQ
>

Date: Fri, 12 Dec 1997 15:05:44 -0800
From: "Michael A. Gipe" <mgipe@reliablemeters.com>
To: <n0tu@webaccess.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [32622] Re: Antenna Wire? - Aluminum Worked!!!
Message-ID: <199712122325.RAA15694@multi13.netcomi.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Looks like we have another convert for the Aluminum Allies!

> From: Steve Galchutt <n0tu@webaccess.net>
> ...replaced ... with aluminum and all I can say is
> WOW!...It really works...

Date: Fri, 12 Dec 1997 16:45:41 -0600
From: "STUART B.D.HUNT" <stuart001@ameritech.net>
To: DENNISMO@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [32623] Re: QRP-L WebSite Problem
Message-ID: <3491BE95.A3B1E57E@ameritech.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

DENNIS MO wrote:

> I read a fellow's listing today and he was saying that his code speed
> was only
> 13 WPM so he wasn't participating in the 'hunt'. Is there a minium CW
> WPM..?
> I'm a new ham - 4 months - and I'm at 7 WPM... did I join the club
> prematurely?
>
> Denny / KF6NJQ

   Heck no ...welcome aboard!
Stu KB9NAE

Date: Fri, 12 Dec 97 15:09:59 PST
From: Charlie Panek <charlier@lsid.hp.com>
To: qrp-l@Lehigh.EDU
Subject: [32624] QRP xtals for 17m & up?
Message-ID: <199712122309.AA108958199@labcrp.lsid.hp.com>

  Anyone know of a source of QRP crystals (18.086, 21.060, 24.906, 28.060) for the higher bands? I know NorCal sells 'em for 30m and 40m, Dan's sells 'em for 80m-20m, but I can'na find em for the re-awakening higher bands (where an on-freq VFO is pretty hard to build!). I've been thinking along the lines of a 15m Pixie...

  Oh, I know, I could just order some from Jan or International, but I was hoping someone had some all made up (for a reasonable price).

  Thanks.

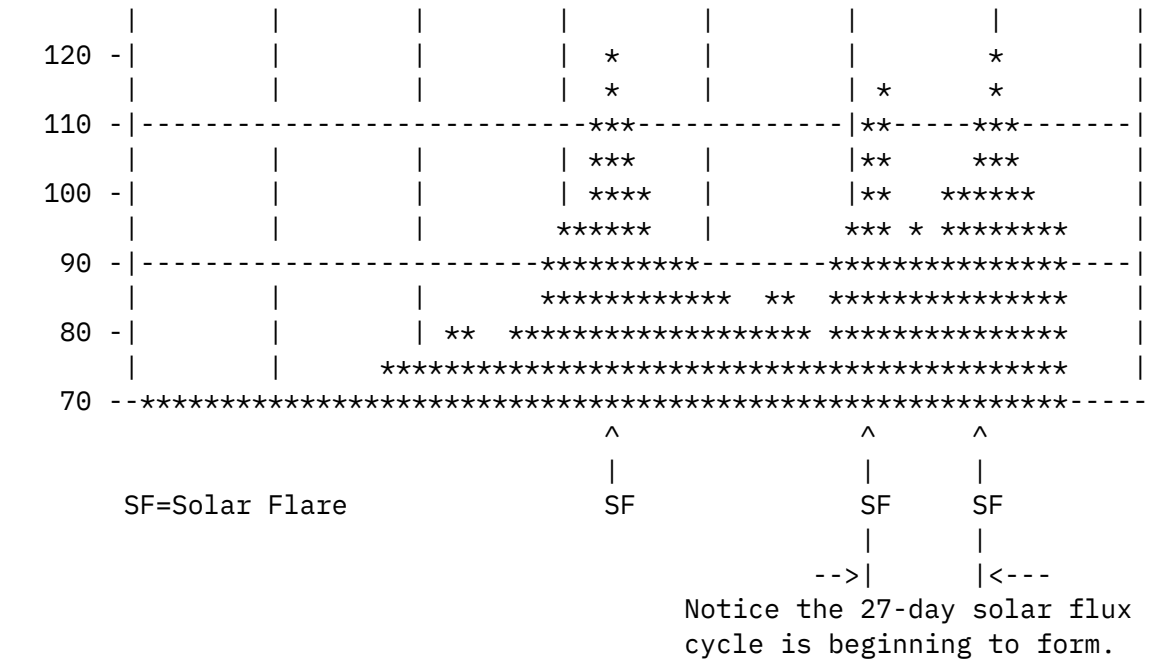
  Charlie KX7L
--
Charlie Panek   Hewlett Packard Company
mailto:charlier@lsid.hp.com   Lake Stevens Division
                                Everett, Washington

Date: Fri, 12 Dec 1997 16:23:38 -0700 (MST)
From: Paul Harden <pharden@aoc.nrao.edu>
To: qrp-l@Lehigh.EDU
Subject: [32625] Solar summary 12-12
Message-ID: <199712122323.QAA04294@zia.aoc.NRAO.EDU>

SOLAR ACTIVITY QUICK-LOOK ***

Updated: 12 DEC 1997
   10cm flux average: 93
    3-5 day forecast: 93-95
Geomagnetic forecast: quiet

SOLAR
FLUX | JUN 97 | JUL 97 | AUG 97 | SEP 97 | OCT 97 | NOV 97 | DEC 97 |
 130 -|--|--------|--------|



Frankly, the sun's kinda boring right now. There are sunspot groups visable on the sun, but they have no real magnetic structure, meaning they will likely not cause anything more than a low-level C-type flare. The shock wave of electrons from the first-of-the-month flare is now long gone, the geomagnetic field has become quiet and in short, there's nothing to stir the water right now. Solar flux is a bit low (93), but the quiet geomagnetic field means quiet bands as well. Even Larsen AL7FS should get out this weekend! (hint, hint).

72, Paul NA5N
National Radio Astronomy Observatory
VLA/VLBA Radio Telescopes
Socorro, NM, USA, Earth

Date: Fri, 12 Dec 1997 15:36:52 -0800 (PST)
From: David J Adams <adamsclan@netgate.net>
To: qrp-l@Lehigh.EDU
Subject: [32626] 20m Explorer II wanted
Message-ID: <199712122336.PAA09210@u1.netgate.net>

Anyone have an unbuilt explorer II for 20m? Lemme know.

73 de dave, n9uxu

Date: Fri, 12 Dec 1997 17:35:01 -0800
From: Scott McCullough <mcwood@navix.net>
To: qrp-l@Lehigh.EDU
Subject: [32627] Re: DX !!
Message-ID: <3491E644.614D@navix.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Wilford D. Lindsey wrote:
>
> Chuck:
>
> Don't know about Joe AB7TT--but I also really need RI/QRP. Have worked
> RI but the guy was QRO (plus he hasn't/won't QSL :-( ). But have never
> gotten *anyone* in NE. Zip...nyet...nada...nil! So if you have any
> leads to any QRP there, please share?! Would be a great favour.
>

QRP'ers,

NE huh? well I know of at least three hams in the state. One of my
buddies has qrp equipment. I'm getting an OHR 100a for Christmas . . .
I've been on QRP some with my Heath SB-1400 at 5 watts . . . where were
you??? :^)

73,
Scott - N0NID
Broken Bow, NE

Date: Fri, 12 Dec 1997 18:17:56 -0600
From: "Mike Pender" <steam@megsinet.net>
To: <kd1jv@moose.ncia.net>, "Low Power Amateur Radio Discussion" <qrp-
l@Lehigh.EDU>
Subject: [32628] Re: Vertical Antenna Question
Message-ID: <01bd075c$8fb918e0$a79651d1@ns1.megsinet.net>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

>I belive the coil is grounded on one end, the coax feed goes to a tap =
on
>the coil, a few turns up and the end of the coil goes to the actual =
antenna.
>
>So, would it be best to leave it alone an use the tuner for other bands
>(will my pi network tunner be okay?) Or, should I find a way to open =
the
>bottom of the antenna and remove the matching coil? (not easy to do)
>
>72,   =20
>Steve, KD1JV....In the White Mountains of New Hampshire

Hi Steve. Just use your tuner. The antenna will be tunable down through
20 meters with no problem. (My buddy, N9UKX has the dx qsl's to prove =
it!)

Don't mess with coils or anything else.

Have fun... Mike

_____
Mike Pender   Chicago, Illinois, U.S.A.
steam@megsinet.net   or   N9IVO@Amsat.org
Fax: 708-795-7003
Amateur Radio Call: N9IVO W.A.S. DXCC 10X-66444
A.M.A. 529703
I.B.E.W. Local 9 Lineman 17 years.

Date: Fri, 12 Dec 1997 18:25:15 -0600
From: "Mike Pender" <steam@megsinet.net>
To: <wb5rue@stic.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [32629] Re: Vertical Antenna Question
Message-ID: <01bd075d$958f6e80$a79651d1@ns1.megsinet.net>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

Umm, excuse me gents, but the original message was=20
for Vertical?? Anybody out there talking about wire antennas

know what vertical means???? huh?????
The guy wanted a cheap vertical. Like as in NO ROOM,
NO SUPPORTS. You guys sleep standing up??
Nobody asked for a comparison. We all know about.
Don't quote me in your off the wall, out of left field replies,=20
please.

-----Original Message-----
From: Kevin Muenzler <wb5rue@stic.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Date: Friday, December 12, 1997 12:13 PM
Subject: RE: Vertical Antenna Question

>On zlau@arrl.org, Zack Lau[SMTP:zlau@arrl.org] wrote:
>> Mike Pender wrote:
>> > This antenna is by far the most bang=20
>> > for the
>> > buck anywhere.=20
>>=20
>> You get a bigger signal (more bang) with a dipole
>> over steeply sloping ground (you did say anywhere).
>> With good ground slope, a 15M dipole can perform
>> quite well over long paths just 20 ft off the ground
>> (like KH6 to East Coast--N1RL said I worked K1ZZ with
>> his beam at Europe...)--Zack W1VT
>>=20
>>=20
>>=20
>
>Dipoles also tend to be a little less noisy but usually on 15 or 10 =
meters
>noise isn't a problem. Verticals have the advantage of being =
omnidirectional
>(if you think such a thing is an advantage) and have a lower takeoff =
angle
>than a dipole. Each has its advantages and disadvantages depending on
>what you are shooting for.
>
>Kevin, WB5RUE
>wb5rue@stic.net
>
>

_____
Mike Pender   Chicago, Illinois, U.S.A.
steam@megsinet.net   or   N9IVO@Amsat.org

Fax: 708-795-7003
Amateur Radio Call: N9IVO W.A.S. DXCC 10X-66444
A.M.A. 529703
I.B.E.W. Local 9 Lineman 17 years.

Date: Fri, 12 Dec 1997 16:24:09 -0800 (PST)
From: Doug Faunt N6TQS +1-510-655-8604 <faunt@netcom.com>
To: Dan_Tayloe-P26412@email.mot.com
Cc: azqrp@dancris.com, qrp-l@Lehigh.EDU
Subject: [32630] Re: [32531] Good Hand held 2m/70cm FM rigs?
Message-ID: <199712130024.QAA20593@netcom20.netcom.com>

I wouldn't buy a 2m/70cm handheld just yet. One of the dealers ads in
Practical Wireless shows an Icom T8, which covers 6m/2m/70cm, as well
as wideband RX inlcuding WBFM on the FM broadcast band. 6M is going
to be an interesting DX band in the next few years.
It might be interesting.
73, doug

Date: Fri, 12 Dec 1997 18:48:42 EST
From: k4zd@juno.com (Robert L Hanrahan)
To: qrp-l@Lehigh.EDU
Subject: [32631] FS: OHR Equipment
Message-ID: <19971212.200724.7967.1.k4zd@juno.com>

Hi Ya'll

Ray Sanders (KS4EG) asked me to post and offer
"For Sale" the following Oak Hills Research equipment at
the stated prices.
:
  30 meter Explorer II @ $80.00 pp
  WM-1 Wattmeter @ $60.00 pp
  SCF -1A @ $40.00 pp

If interested, drop me a quick post and I'll forward all
responses to Ray.

Best of the Holidays!l
Bob Hanrahan -K4ZD
k4zd @juno.com

Date: Fri, 12 Dec 1997 16:54:38 CST
From: na5k@juno.com (Smitty Smith)
To: aweiss@sunflowr.usd.edu
Cc: qrp-l@Lehigh.EDU
Subject: [32632] Re: W0RSP & The FOX -- First Time
Message-ID: <19971212.165501.11598.2.na5k@juno.com>

>all too quickly -- 35 seconds or so. Maybe we ought to work out a plan
>for sliding down the band a couple of Khz and going for routine QSO's.
Who
>knows...
>

Ade,

There are usually a few folks around after working (or not working) the
fox. However, there is plenty of room for more.

So: ATTENTION ALL FOX HUNTERS

It's an excellant time to do your braggin' about baggin' the fox..

Find a spot and call CQ QRPL so we will know who you are.

CUL,

Smitty, NA5K (nr Dallas)

Date: Fri, 12 Dec 1997 14:38:10 -0500
From: "Buck, Preston D" <BuckPD@corning.com>
To: "'qrp-l@Lehigh.EDU'" <qrp-l@Lehigh.EDU>
Subject: [32633] FOX: N0GLM report for 11 Dec EST
Message-ID: <6B137F61081DD0118DF600805FEAC5C588BFEC@SILVER.CORNING.COM>
Mime-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7BIT

Greetings All,

WAHOOO! What a night, the BC QRM was minimal and the band was quiet. The contacts started out in the west (IL & MN) and eventually worked to the east (NY & MA). I didn't get anything south of PA or west of MN. The really fun part was that I only called CQ for about 15 minutes before my first contact. Usually I don't make any contacts for the first hour. But following the 1st contact (KB9IUA), I only had to send QRZ? to get a response. Towards the end, there were several stations calling at once. A real pile-up (however small) after me. Picking the calls out was kind of difficult but I tried to identify 2 calls for me to answer so I could go right from one QSO to the next. I managed to do that once. I also noted that as the time got closer and closer to 2100EST (end time) the code speed increased even more. Then at exactly end time all the calls dried up. I was willing to continue but there was nobody left. Perhaps propagation shifted farther east, like to the middle of the Atlantic. I had a lot of fun and I believe my code speed has increased a bit.

73
Preston, N0GLM

callsign his mine name state
KB9IUA 539 539 Kevin IL
K0EVZ 559 429 Doc MN 5W (way down in the noise, but I should have recognized the call)
KA3WMJ 559 579 Ken PA (I was his first N/T fox)
NI0A 479 449 John MN 5W (faded out on me and he mentioned QRM)
N8VAR 589 549 Ron OH
N3XRV 599 559 Chris MD (strong signal)
KF1PH 599 599 Nick NY (also a very strong signal)
K1CL 589 559 Chuck MA
WA1QVM 339 559 Joel MA (really hard for me to get this one, lots of fading. We exchanged signal reports but I got his name and state from the callsign server. He also mentioned QRM)

Date: Fri, 12 Dec 1997 20:30:10 -0500 (EST)
From: bruce muscolino <w6toy@pop.erols.com>
To: DENNISMO@aol.com
Cc: QRP-L@lehigh.edu
Subject: [32634] Re: QRP-L WebSite Problem
Message-ID: <2.2.16.19971212211530.2a377e5c@pop.erols.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Denny,

I don't "do" foxes, but I do "do" almost every other form of competitive ham radio activity. There are no minimums except those you impose on yourself. Even in the most competitive of contests (CQ-WW, ARRL-DX, Sweepstakes) every good operator will slow down to YOUR speed for the QSO. The fox hunts are nowhere near that far up the food chain -- they are/were intended to be a "relaxed" learning experience that was high on fun. Get in there and go for it. Don't be concerned about the limitations others place on themselves.

73

Date: Fri, 12 Dec 1997 20:30:03 -0500 (EST)
From: bruce muscolino <w6toy@pop.erols.com>
To: daniel@pandora.lugs.org.sg
Cc: QRP-L@Lehigh.EDU
Subject: [32635] Re: DB-25 Challenge?
Message-ID: <2.2.16.19971212211522.2a3753d6@pop.erols.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Daniel,

Mike Czuhajewski, WA8MCQ, has several DB-25 rigs. One is a complete 40 meter transceiver in a DB25 bottle. He did not build that one, but he did make at least one QSO with it. He uses these rigs for show and tell presentation wherever he's asked. Come to Dayton next year and he'll be glad to share them with you! BTW, the current challenge is to build a rig in a 3AG fuse box, you know, the little green boxed that hold 5 3AG fuses!

73

Date: Fri, 12 Dec 97 19:42:24 PST
From: Ken Graham <k5id@ipa.net>
To: qrp-l@Lehigh.EDU
Subject: [32636] MANUAL for HEATH HD-1410 Keyer
Message-ID: <MAPI.Id.0016.00356964202020203030303430303034@MAPI.to.RFC822>
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII; X-MAPIextension=".TXT"

Content-Transfer-Encoding: 7bit

Hi Gang,

I'm looking for a manual (well, the schematic and tech info) for a heath hd-1410 keyer. One of these relics has fallen into my possession, and I would like to get it playing again. Any help out there in qrp land??

Regards, Ken K5ID

Date: Fri, 12 Dec 1997 18:26:10 EST
From: ka7you@juno.com
To: kb0vcc@rocketmail.com
Cc: QRP-L@lehigh.edu
Subject: [32637] Re: Off the wall antenna question...
Message-ID: <19971212.153556.6591.3.KA7YOU@juno.com>

Dale,
" ...(besides the obvious constructionl challanges
>involved). Comments?" Wow! what a lead in.
Well, a parabolic reflector assumes some kind of a point source(in relative terms). A 12 foot TVRO (~4 GHZ)dish uses a 1/2 inch long dipole radiator, and at 1296 the dipole is maybe four inches long. At that frequency (1296) a 5 foot dish, ~8 wavelengths across isn't of much benefit, relative to a short yagi or looper, and even then the wind load is terrible; relatively speaking.
In theory, your idea would work, but it isn't very practical from a construction standpoint, if you think about the +/- 900 feet of wire spaced several wavelengths behind the driven dipole, on at least a half dozen supports to achieve anything like a parabolic curve. Of course that doesn't consider the minor problem of ground clutter/ reflection unless you have it all several wavelengths above average terrain. HI! HI!
>>> "...besides the obvious constructionl challanges...>>> Yes, it can be done!
Have fun!
I'd put up a reversible JK style wire beam if I had six supports like that
Rod Johnson KA7YOU from CN97ak near Issaquah, Wa. 160M thru 1296 MHz (3456MHz still in the wings)

On Fri, 12 Dec 1997 10:41:10 -0800 (PST) KB0VCC/1 <kb0vcc@rocketmail.com> writes:
>

>
>Hi Everyone,
>
>In the same spirit of Brad's 9v battery question (inquiring minds want
>to know), here's one for the antenna gurus. I know that if one has
>a wire dipole, they can produce some gain by stringing a horizontal
>reflector parallel to the dipole. Ok... so here's my question: Can
>MORE gain be achieved if the wire reflector, instead of being just a
>straight wire, is a parabola in the same plane? This works for
>circular
>polarized antennas (satelite dishes, etc) but will/can it work for
>horizontally polarized applications? Just wondering. If not, why?
>I'm yet to see this illistrated in any publication, so I suspect
>there's
>a flaw in this approach (besides the obvious constructionl challanges
>involved). Comments?
>
>In other news, I installed one of those TimeWave DSP's into my
>dad's SP-6 for him. WOW! That baby will really pluck the weak
>ones out of the crud! No fox could stand a chance against
>a pack armed with these. It's like cutting down the trees before
>the hunt begins. ...no where to hide foxii! They're not cheap
>though, so there's only one thing to do: "Dear Santa..."
>
>72, 73 es Season's Greetings!
>-Dale
>
>===
> Dale Anderson   In the Mt Washington Valley
> KB0VCC   Conway, New Hampshire
> QRP-L #91 / CQC #251   Grid Sq: FN43KX
> ARS #234 / FISTS #3172   http://www.qsl.net/kb0vcc
>===
>
>
>____
>DO YOU YAHOO!?
>Get your free @yahoo.com address at http://mail.yahoo.com
>
>
>

Date: 12 Dec 1997 18:53:04 -0700
From: W0rw@kktv.com
To: qrp-l@Lehigh.EDU

Subject: [32638] FOX Pile-Ups
Message-ID: <199712130148.UAA93302@nss4.cc.Lehigh.EDU>

The FOX hunting has really become popular but more and more of the Hunts are turning in to big pile-ups.
A more orderly system of Hunt control could eliminate the
wasted time and difficulties normally encountered in a big pile up...
The FOX (or Hunt Master) has many options available to him:
1. Move frequency every once in a while to give us all the slip.
2. Work the call zones (0-9) in turn (note - Zero is always first).
3. Start at 55 wpm and work down.
4. Start transmitting with 100mW and work up.
5. Work the last letter of the call signs (A-Z), like the friendship award system.
6. Work the QRP-L numbers by groupings, (0 to 100 etc.).
7. Work the hunter's power levels, e.g.: 1 watt stations first, 2 watt stations next, etc.
If you are the Fox, you are in control....
de w0rw

to: INT:qrp-l@lehigh.edu
cc: INT:cqclist@lists.csn.net

Date: Fri, 12 Dec 1997 20:53:44 EST
From: Wa2ocg <Wa2ocg@aol.com>
To: qrp-l@Lehigh.EDU
Subject: [32639] Need MS for QRP-WAS
Message-ID: <50752241.3491eab6@aol.com>
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Hey gang,
     I am reduced to begging!! I need MS as my last state for QRP-WAS; can anyone of you charitable souls help?? I work 10-80 meters, including the WARC bands.
     Thanks.
73s
Michael
WA2OCG

Date: Sat, 13 Dec 1997 10:14:56 +0800
From: "W. Daniel, 9V1ZV" <daniel@pandora.lugs.org.sg>
To: qrp@pandora.lugs.org.sg
Subject: [32640] Re: DB-25 Challenge?
Message-ID: <3491efa0.pandora@pandora.lugs.org.sg>

Hi,

    Just a word of thanks to all who replied on the DB-25 Challenge query. Incidentally, when will we hear of the results of the 3-AG Box contest?

    Anyway, it makes a LOT more sense now that I know it isn't the DB-25 itself that they are building the radio into :-) Maybe I should think about building my own little VHF transceiver into one of the tiny cases. Hmmm....

    Thanks.

73 de 9V1ZV Daniel
--

+------------+--------------------------------+
Daniel Wee	daniel@pandora.lugs.org.sg
9V1ZV	
QRP-L #667	9V1ZV@amsat.org
+------------+--------------------------------+

Date: Fri, 12 Dec 1997 20:42:24 -0600
From: Bill Myers <bjmyers@arc.net>
To: ji3m@maxwell.com (James R. Duffey)
Cc: qrp-l@Lehigh.EDU
Subject: [32641] Re: Ideas for Your 5/8 Wavelength Vertical (long)
Message-ID: <3.0.5.32.19971212204224.007a89b0@mail.arc.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 09:10 AM 12/12/97 -0700, James R. Duffey wrote:
>Bill - You asked for it;

Sure did...

>Before you do anything with a vertical antenna, you should read W4RNL, L.
>B. Cebik's comments on verticals, grounds, and (ground) plane antennas on
>his web page;

Thanks James, I forgot about his webpage. I'll check it out and get some more ideas.

Thanks for your opinion also

72 es Happy Holidays

Bill KK4KF

Date: Fri, 12 Dec 1997 20:38:48 -0600
From: Bill Myers <bjmyers@arc.net>
To: "Mike Pender" <steam@megsinet.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [32642] Re: Vertical Antenna Question
Message-ID: <3.0.5.32.19971212203848.007b5650@mail.arc.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Mike...

Thanks for the info, and the suggestion for the inexpensive antenna.

72

Bill KK4KF

Date: Sat, 13 Dec 1997 03:21:53 -0800
From: jerry schnor <jerrylee@cwws.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [32643] wanted
Message-ID: <34926FD1.71DA@cwws.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

hey guys a while ago i bought the auto tuner that we did a group purchase on now i need another one can someone tell me where i can get it.. some one decided they needed my station more then i did and helped themselves while i was on vacation. that was one of the stolen items.. thanks jerry n6ifw

----

Date: Fri, 12 Dec 1997 10:28:48 -0500
From: Paul Helbert <phelbert@rica.net>
To: W0rw@kktv.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [32644] Re: FOX Pile-Ups
Message-ID: <3491582F.6B4AF07B@rica.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

W0rw@kktv.com wrote:

> The FOX hunting has really become popular but more and more of the
> Hunts
> are turning in to big pile-ups.
>

...and I like it like that. Maybe I'd see it differently from the
bottom of the foxhole. Don't know yet. (Hint, Hint) Chuck, I'm
volunteering as fox for a night next season.

73,

Paul, Wv3j

Date: Fri, 12 Dec 1997 23:41:02 -0500 (EST)
From: Chris Cartwright <ccart@dns.vidtel.com>
To: Ken Graham <k5id@ipa.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [32645] Re: MANUAL for HEATH HD-1410 Keyer
Message-ID: <Pine.LNX.3.93.971212233720.1850A-100000@dns.vidtel.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 12 Dec 1997, Ken Graham wrote:

> I'm looking for a manual (well, the schematic and tech info) for a
> heath hd-1410 keyer. One of these relics has fallen into my possession,
> and I would like to get it playing again. Any help out there in qrp land??

Ken,

If you come up with something on the 1410 I'd be happy to pay for two copies! One for you and one for me. This was the first keyer I ever got and it's been "improved" a few times :) It's working right now, but who knows what will happen to it... It you want me to check something out, part #'s, voltages, etc. Just drop some email this way and I'll peek inside it. tnx es 72

-- Chris Cartwright,   Technical Engineer | ccart@vidtel.com   --
-- N3XRV   ARRL-VE   QRP WAS 27/10(w/c) | http://dns.vidtel.com/~ccart --
-- QRP-L #655   NORCAL #1891   QRP-ARCI #???? NJ-QRP #105 LIQRP #????   --

---

Date: Fri, 12 Dec 1997 10:38:49 -0500
From: Paul Helbert <phelbert@rica.net>
To: jerrylee@cwws.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [32646] Re: wanted
Message-ID: <34915A88.752301B@rica.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

LDG Electronics home page is:

http://www.radix.net/~ldg/

73,

Paul, Wv3j

Date: Fri, 12 Dec 1997 20:10:21 -0800 (PST)
From: David Feldman <dgf@netcom.com>
To: qrp-l@Lehigh.EDU
Subject: [32647] Did 38 Special cases ship?
Message-ID: <199712130410.UAA14905@netcom7.netcom.com>

I've been travelling a fair bit and ignore the list during those times. Did those 38 special cases ship from California?
73 Dave WB0GAZ dgf@netcom.com

(PS Found Butcatcher vendor, thanx!)

Date: Fri, 12 Dec 1997 22:13:34 -0600
From: wmcshan@REX.RE.ouhsc.edu (Mike McShan)
To: qrp-l@Lehigh.EDU
Subject: [32648] Re: MANUAL for HEATH HD-1410 Keyer
Message-ID: <v01540b03b0b7bbc6739f@[207.193.32.10]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>
>Hi Gang,
>
>I'm looking for a manual (well, the schematic and tech info) for a
>heath hd-1410 keyer. One of these relics has fallen into my possession,
>and I would like to get it playing again. Any help out there in qrp land??
>
>Regards, Ken   K5ID

Ok, guys,

I have the manual for this keyer, and I see that a couple of you need a
copy. Send me a large SASE (maybe make it two stamps just in case), and
I'll send you a copy. No charge for the photocopying; lots of folks have
helped me out in the past.

72/73,
Mike McShan N5JKY
4209 NE 143rd
Edmond, OK 73013

Date: Fri, 12 Dec 1997 11:33:22 -0500
From: Paul Helbert <phelbert@rica.net>
To: dgf@netcom.com
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [32649] Re: Butcatcher vendor
Message-ID: <34916752.98B34E90@rica.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

David Feldman wrote:

> I've been travelling a fair bit <snip>
> (PS Found Butcatcher vendor, thanx!)

   Wow, don't think I'd admit to that.

73,

Paul, Wv3j

Date: Fri, 12 Dec 1997 21:36:05 -0700 (MST)
From: n5zgt@swcp.com (Brian Mileshosky)
To: qrp-l@lehigh.edu
Cc: wa5whn@rt66.com, pharden@aoc.nrao.edu, adams@chuck.dallas.sgi.com, ki6ds@dpol.k12.ca.us
Subject: [32650] Paddles Received and Finished!!!
Message-ID: <199712130436.VAA12230@kitsune.swcp.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Gang,

  After a long day of studies, some games of pool and a little weight lifting and running (got to impress the ladies, HI!) at school (U. of New Mexico) I walked into my house at around 7:15pm and noticed a nice package sitting on the counter. After throwing my bags down, I saw it had one of my mailing labels on it. My NorCal paddle kit have arrived! I went right to work. I even postponed dinner (more like raiding the fridge) for them. ;)

  The parts went to together VERY nicely. The hardest part was fitting the magnet into the center block assembly. My dad and I measured the outside diameter of the magnet, and the inside diameter of the hole to figure out just how much fitting I need to do. After running a drill bit through the hole, and using some very fine sandpaper (forgot the real name of the stuff), I was able to tap the magnet in with a plastic-tipped mallot.

  At 9:15pm, my newest kit was completely assembled, minus the rubber feet. However, I'm not finished yet. Unless I come up with a different idea to make the base look attractive, I will be sending it to some friends of the family who own a local fly-rod shop. They will be able to powder coat it

and make it look real nice.

  Once again, and as always, GREAT JOB NORCAL! My money was well spent on this kit, and I look forward to using it with both my QRP station and my QRO station. I'm looking forward to the next one, guys!

Happy Holidays & 72,
Brian, N5ZGT
PSE Visit my Amateur Radio page at: http://www.swcp.com/~n5zgt

 ----
   Boy Scouts of America   Amateur Radio - N5ZGT
    Eagle Scout (12-6-96)   ARRL QRP: NorCal# 1700 QRP-L# 580 AK/QRP # 125
     JASM - Troop 41   Author of Worldradio's "Youth Forum" Column
    Albuquerque, N.M.   Packet: N5ZGT @ KC5IZT.ALBQ.NM.USA.NOAM
  O.A. Lodge 66 <-W-W-W-<<   Internet: n5zgt@swcp.com
         Please Visit my Homepage at: http://www.unm.edu/~brianm
 ----

Date: Sat, 13 Dec 1997 00:27:34 -0500
From: ckrelic@usaor.net
To: qrp-l@Lehigh.EDU
Subject: [32651] FS:C/21 Parts
Message-ID: <34921CC6.77850294@usaor.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Have one PTO rebuild kit and New Set of Finals
for the Century/21. If anyone wants them_____
$23 shipped 48

Curt
Ka3ivb

Date: Sat, 13 Dec 1997 22:30:45 -0700
From: gsurrency@juno.com (Gary Surrency)

To: qrp-l@Lehigh.EDU
Subject: [32652] Re: FOX Pile-Ups
Message-ID: <19971213.223046.3430.0.gsurrency@juno.com>

I prefer the system that is presently in use. ;-)

Sort of along the lines of quantum theory. You know, the Heisenberg Uncertainy Principle. I'm never sure if or when I'll get the Fox. That's what makes the chase so much fun.

A perfect scheme for Fox hunting could be compared to Einstein's search for the grand unified theory of the universe. He never found it, either. ;-)

Sometimes it's nice to have an event that lacks rigid structure and rules. The few rules Chuck has placed upon the Fox hunt seems adequate for me.

A free-for-all, if you like. No rules, just fun. (shamelessly stolen line from The Outback)

Besides, if it gets really impossible to work the Fox, maybe I can bribe Paul Harden and get the use of one of those really big dishes. :-) :-)

Hmmmmmm..... <VBG>

72,

AB7MY
Gary Surrency
Chandler, AZ (Near Phoenix), QRP-L #571, AZ ScQRPions, ARRL VE

Date: Sat, 13 Dec 1997 00:24:12 -0500
From: "Daniel L. Evans" <dlevans@hsonline.net>
To: qrp-l@Lehigh.EDU
Subject: [32653] Re: Mel Evans, GM6JAG
Message-ID: <3.0.1.16.19971213002412.2daf5c10@mail.hsonline.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Sorry, no relation!

72/73 de Dan EVANS, N9RLA....

At 06:46 PM 12/12/97 +0000, you wrote:

>Hi Listers,
>
>Anyone can tell me the E-mail of Mel Evans, GM6JAG?
>
>Mni tks in advance.
>
>72
>
>
>Juan Antonio, EA8QJ, EA-QRP # 196
>EA-QRP Club - Relaciones y desarrollo
>mailto:jalopezd@arrakis.es
>EA-QRP Club Web Site: http://www.eaqrp-c.arrakis.es
>
>
>
Dan L. Evans [N9RLA].....EM78
CQ_DE_dlevans@hsonline.net

Remove the cq_de_ to email me, I hate SPAM!

Date: Fri, 12 Dec 1997 21:48:16 -0800 (PST)
From: Monte Stark <ku7y@sage.dri.edu>
To: Paul Helbert <phelbert@rica.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [32654] Re: Butcatcher vendor
Message-ID: <Pine.SUN.3.90.971212214723.23934A-100000@vortex>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 12 Dec 1997, Paul Helbert wrote:

> David Feldman wrote:
>
> > I've been travelling a fair bit <snip>
> > (PS Found Butcatcher vendor, thanx!)
>
>   Wow, don't think I'd admit to that.

Gee, David must have been in Nevada!

cul,

73, Ron,   SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Sat, 13 Dec 1997 00:46:05 -0500
From: "Daniel L. Evans" <dlevans@hsonline.net>
To: qrp-l@Lehigh.EDU
Subject: [32655] Re: Vertical Antenna Question
Message-ID: <3.0.1.16.19971213004605.29afa3d2@mail.hsonline.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Steve & All,

Mine tuned easily with my old MFJ tuner on 15 meters, with the load coil in place. So I would suggest leaving the coil in so you could use it without a tuner when operating on 10. Besides, I doubt you could remove the coil without destroying the antenna. I once saw one that was blown over in a storm, not a pretty sight!

72/73 de Dan, N9RLA

>So, would it be best to leave it alone an use the tuner for other bands
>(will my pi network tunner be okay?) Or, should I find a way to open the
>bottom of the antenna and remove the matching coil? (not easy to do)
>
>72,
>Steve, KD1JV....In the White Mountains of New Hampshire
>
>"Melt Solder"
>
>
>
Dan L. Evans [N9RLA].....EM78
CQ_DE_dlevans@hsonline.net

Remove the cq_de_ to email me, I hate SPAM!

Date: Sat, 13 Dec 1997 01:45:59 EST
From: ac4gt@juno.com (nathan c tart)
To: spoon@kodak.com
Cc: qrp-l@Lehigh.EDU
Subject: [32656] Re: FS: RS dsp 40
Message-ID: <19971213.014835.4727.1.ac4gt@juno.com>

        I have one also..sometimes I use it but it really is not
good enough to bragg about.....my ear is a better filter
that that thing is.....

Nathan C. Tart, Jr. AC4GT
Southeastern Radiosport Assn KF4FHC
1010 # 68463   ZUT
Charleston Hts., SC

On Fri, 12 Dec 1997 16:01:05 -0500 "John P. Spoonhower" <spoon@kodak.com>
writes:
>Everyone, I have a Radio Shack DSP 40, cw/ssb filter for sale for
>$25 + shipping.
>Please contact me by e-mail if interested.
>Thanks, John, kc2du
>
>

Date: Fri, 12 Dec 1997 22:56:14 +0000
From: flyer@hooked.net
To: qrp-l@Lehigh.EDU
Subject: [32657] RF Parts
Message-ID: <199712130655.WAA27721@mom.hooked.net>

Can anyone give me an e-mail or www address for RF Parts of San
Marcos, CA?

TIA

Mark Smith   Pleasanton, CA

Date: Fri, 12 Dec 1997 17:27:43 EST

From: JFelts4572 <JFelts4572@aol.com>
To: qrp-l@Lehigh.EDU
Subject: [32658] Serra Mods?
Message-ID: <844a7224.3491ba61@aol.com>
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Just ordered a Serra for Christmas! Anyone out there have any mods (espicially power output) you could email me? Thanks for any input.

Jerry--NR5A

Date: Sat, 13 Dec 1997 05:03:28 -0500 (EST)
From: n4js@pobox.com
To: qrp-l@Lehigh.EDU
Subject: [32659] RE: FOX Pile-Ups
Message-ID: <XFMail.971213050328.n4js@pobox.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 8bit
MIME-Version: 1.0

On 13-Dec-97 W0rw@kktv.com typed:
>The FOX hunting has really become popular but more and more of the Hunts
>are turning in to big pile-ups.
>   A more orderly system of Hunt control
>could eliminate the
>wasted time and difficulties normally encountered in a big pile up...

[snip]

>If you are the Fox, you are in control....

On the other hand, this is supposed to be FUN not a control trip......just a thought.....

Sent at 05:03:28 on 13-Dec-97

 _ _ _ _   _ ___   John L. Sielke n4js@amsat.org n4js@pobox.com
| \| || | | _ | |/ __| n4js@qsl.net   NJ Grid:FM29LN
| .` ||_ _|| || |__ \   http://www.qsl.net/n4js NJ-QRP #57 QRP-L #884
|_|_| |_| __/ |___/   QRP-ARCI CQC #443 CQrp #50 AKQrp ARQrp
NE-QRP #507 G-QRP #9544 NorCal #1989 QCWA FISTS #2781 ARS #243

Date: Sat, 13 Dec 1997 05:47:35 -0600
From: wmcshan@REX.RE.ouhsc.edu (Mike McShan)
To: qrp-l@Lehigh.EDU
Subject: [32660] HI Hoot Owl, FYBO, and the Red-eye special
Message-ID: <v01540b04b0b821494d4e@[207.193.32.10]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

When the alarm went off at 4 AM (1000 z), my wife said, "surely you're not going running now?" I mumbled some reply that I would explain later, put on my clothes, and went out to the shack that occupies a corner of the garage. Heated in summer, cooled in winter. FYBO this particular morning.

Turned on the rig and tuned around 7.028. After a few minutes, I heard Joe, AB7TT in QSO with Mike, AH7R, the HI Hoot Owl! Great, Joe has a strong signal into OK, so maybe the band is in pretty good shape. Hmmm, when Mike came back to Joe he was only about rst 339. Well, I figured that if I could copy his 5 W then there was a chance that he could hear me, especially with that monster 40M beam. He finishes his QSO with Joe and calls CQ. I fire off a response, but alas, he responds to another station. And then the big fade. I manage to hear him several more times during the hour and respond to his CQ a couple of more times, but no luck.

Well, my feet are cold, my hands are cold (even in gloves), and I'm going back to bed. Still, it was fun. Hopefully, you can borrow the beam again for another stint in the future, Mike. Thanks for the effort even though I didn't get to have a QSO. Heck, I'd get up at 4AM again for the chance. I like cold feet.

72/73,

Mike N5JKY
Edmond, OK

Date: Sat, 13 Dec 1997 07:49:09 -0500
From: K4AHK@ix.netcom.com
To: ccart@dns.vidtel.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [32661] Re: MANUAL for HEATH HD-1410 Keyer
Message-ID: <34928442.4B6A@ix.netcom.com>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I got one of these kits for Christmas many years ago and have been using
it ever since although I have added a jack for remote paddles and a
quiet reed relay for keying rigs that don't like the electronic output.
If you don't get a copy of the manual elsewhere, I can supply.

Bill - K4AHK

Date: Sat, 13 Dec 1997 09:08:44 -0500 (EST)
From: Chris Cartwright <ccart@dns.vidtel.com>
To: QRP Reflector <qrp-l@Lehigh.EDU>
Subject: [32662] Re: FAUX DX OPERATOR?
Message-ID: <Pine.LNX.3.93.971213090202.518A-100000@dns.vidtel.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 12 Dec 1997, Vic Rosenthal wrote:

> Actually, there was a legitimate 5U4GB at one time!

Yikes! I must be older than I thought, still remember them tubes...
Not as flashy as them 807's and 6L6's but 'ya gotta get DC from somewhere.

-- Chris Cartwright,   Technical Engineer | ccart@vidtel.com   --
-- N3XRV   ARRL-VE   QRP WAS 27/10(w/c) | http://dns.vidtel.com/~ccart --
-- QRP-L #655   NORCAL #1891   QRP-ARCI #???? NJ-QRP #105 LIQRP #????   --

---

Date: Sat, 13 Dec 1997 09:16:54 -0500 (EST)
From: "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
To: qrp-l <qrp-l@Lehigh.EDU>
Subject: [32663] ANYone for dinner in Chicago?
Message-ID: <Pine.LNX.3.95.971213091517.4320B-100000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Still in Chicago, and with 8 million people here, there's GOTTA be some
QRPers here, no?

* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 *

* 6m 80 grids on 8w * DXCC WAS WAC * QRP-L #147 * QRP ARCI #9054 *
* Charter member, Maryland Milliwatters * W3-VK on 3w mobile CW *
*** 301-549-1022 h / 301-982-1015 w ** Life is one big hamfest ***

Date: Sat, 13 Dec 1997 05:21:24 -0800
From: Jay & Jackie <jayboy@psnw.com>
To: qrp-l@Lehigh.EDU
Subject: [32664] Re: ANYone for dinner in Chicago?
Message-ID: <3.0.1.32.19971213052124.006b0f90@mail.psnw.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 09:16 AM 12/13/97 -0500, you wrote:
>Still in Chicago, and with 8 million people here, there's GOTTA be some
>QRPers here, no?

Scott:
     XYL and I are up for it....Even Chicago...Anything to get out of this fog in the Central Valley of CA. Sure hope 10 is open today.

     Jay, W6JDB

(Don't hit me, I like Chicago)

Date: Sat, 13 Dec 1997 08:27:23 -0500
From: "William F. Nicolson Jr" <n2wf@erols.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [32665] Re: FOX Pile-Ups
Message-ID: <34928D3B.EA94AD24@erols.com>
MIME-Version: 1.0
Content-Type: multipart/alternative;
boundary="------------45C0E97A8990B322D1C8D453"

--------------45C0E97A8990B322D1C8D453
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I have noticed that band conditions vary during the hunt. Some nights the band may just open in my direction for a brief period and if the fox hunt becomes so structured that the fox is only asking for 7's or 8's when the

band is open in my direction I won't have a chance. I'd like to keep it
Simple and FUN!!

Thanks de Bill N2WF

```
       ,,,
      /'^'\
     ( o o ) NJQRP#68 FISTS#2016 NorCal#2098 QRP-L#955 ARS#332
-oOOO--(_)--OOOo-----------------------------------------------
     72 de       QTH: 38 Tanglewood Lane
 Bill Nicolson        Colonia,NJ 07067-3036
      N2WF      Grid: FN20
              E-Mail: n2wf@erols.com
  .oooO        Stuff: OHR-400; NC40a; 38S; SW-40; NC Paddles
  (   )   Oooo.       LDG QRP Tuner; OHR WM-2; OHR SCAF
---\ (----(   )-----------------------------------------------
    \_)    ) /
          (_/
```

--------------45C0E97A8990B322D1C8D453
Content-Type: text/html; charset=us-ascii
Content-Transfer-Encoding: 7bit

<HTML>
I have noticed that band conditions vary during the hunt. Some nights the
band may just open in my direction for a brief period and if the fox hunt
becomes so structured that the fox is only asking for 7's or 8's when the
band is open in my direction I won't have a chance. I'd like to keep it
Simple and FUN!!

<P>Thanks de Bill N2WF

<TT>   ,,,</TT>

<TT>   /'^'\</TT>

<TT>   (o o) NJQRP#68 FISTS#2016 NorCal#2098
QRP-L#955 ARS#332</TT>

<TT>-oOOO--(_)--OOOo--</TT>

<TT>   72 de
QTH: 38 Tanglewood Lane</TT>

<TT> Bill Nicolson   Colonia,NJ
07067-3036</TT>

<TT>   N2WF
Grid: FN20</TT>

<TT>   &n
bsp;
E-Mail: n2wf@erols.com</TT>

<TT> .oooO   Stuff: OHR-400;
NC40a; 38S; SW-40; NC Paddles</TT>

<TT> (   )

```
Oooo.      
LDG QRP Tuner; OHR WM-2; OHR SCAF</TT>
<BR><TT>---\ (----(   )-----------------------------------------------</
TT>
<BR><TT>    \_)    ) /</TT>
<BR><TT>          (_/</TT>
<BR> </HTML>

--------------45C0E97A8990B322D1C8D453--



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Date: Sat, 13 Dec 1997 05:43:58 -0800 (PST)
From: David Feldman <dgf@netcom.com>
To: qrp-l@Lehigh.EDU
Subject: [32666] Found... Texas Bugcatcher (ps sri the typo)
Message-ID: <199712131343.FAA19523@netcom5.netcom.com>

Tnx to all helping me find this.

The typo in the header completely escaped me until about the 5th person
that (snicker snicker) pointed it out!

Dave



------------------------------

Date: Sat, 13 Dec 1997 08:46:38 -0500
From: mikemo@ibm.net
To: ka7you@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [32667] Re: Off the wall antenna question...
Message-ID: <349291BE.3497@ibm.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

ka7you@juno.com wrote:
>
> Dale,
>  " ...(besides the obvious constructionl challanges
> >involved).  Comments?"   Wow! what a lead in.
>     Well, a parabolic reflector assumes some kind of a point source(in
> relative terms).  A 12 foot TVRO (~4 GHZ)dish uses a 1/2 inch long
```

Ok, now another strange question. Can you use a reflector to divert the
major lobe of a low dipole from going straight up? That would be nice
for us folks who can only get their dipole 20' up and are tired of
"burning the clouds".

Possible?
72 de kf4trd
Mike Maiorana

Date: Sat, 13 Dec 1997 09:08:13 EST
From: n4so@juno.com (charles k brown)
To: qrp-l@Lehigh.EDU
Subject: [32668] Texas BugCatcher
Message-ID: <19971213.080745.3743.0.n4so@juno.com>

Mobile antennas

GLA Systems
P. O. 425
Caddo Mills, TX 75125
1 800-588-2841
free catalog Henry Allen, WB5TYD
source: QST Dec. 1997 p 179

Ken Brown, N4SO
QTH nr Mobile, AL/ EM50tk
qrp-l #622
n4so@juno.com

Date: Sat, 13 Dec 1997 14:23:07 GMT
From: adams@chuck.dallas.sgi.com (Chuck Adams)
To: qrp-l@Lehigh.EDU
Subject: [32669] On The Border
Message-ID: <199712131423.OAA03043@chuck.dallas.sgi.com>

Gang,

The discussion came up previously for the next QTTF
for state borders. I have a question. Does anyone
know of an online database with long/lat data say in
1-5km resolution?

I have a plotting program that I am writing where I need
the data. Any help greatly appreciated.

It does have to do with some QRP data related to this group.

dit dit
Chuck Adams K5FO CP-60 RUFZ score of 90,233
http://reality.sgi.com/adams adams@sgi.com

Date: Sat, 13 Dec 1997 14:33:12 GMT
From: adams@chuck.dallas.sgi.com (Chuck Adams)
To: DENNISMO@aol.com
Cc: qrp-l@Lehigh.EDU
Subject: [32670] Re: QRP-L WebSite Problem
Message-ID: <199712131433.OAA03083@chuck.dallas.sgi.com>

Denny et.al.,

There is no minimum Morse speed for the foxhunt, but they tend
to run at 20wpm or so. This for the General and up hunt around
7.037 to 7.045MHz group.

For the Novice/Tech+ group their code speeds will run from 5wpm
up. The more times they are on the faster their code speed gets
but they will slow down for you.

Don't let all talk of high speed scare you. Get on and call them.
They will slow down.

dit dit es gl

Chuck Adams K5FO CP-60 RUFZ score of 90,233
http://reality.sgi.com/adams adams@sgi.com

Date: Sat, 13 Dec 1997 14:38:00 GMT
From: adams@chuck.dallas.sgi.com (Chuck Adams)
To: JakeCart@ix.netcom.com
Cc: qrp-l@Lehigh.EDU
Subject: [32671] Re: Got a VE2 on my Pixie -- on to DXCC!!
Message-ID: <199712131438.OAA03108@chuck.dallas.sgi.com>

Jake,

Sorry, wrong answer. Only 98 more countries for DXCC - Pixie II.
The USofA counts as a country. Remember that KL7 and KH6 also
are countries for DXCC.

Small facts add up. :-)

dit dit es gl
Chuck Adams K5FO CP-60 RUFZ score of 90,233
http://reality.sgi.com/adams adams@sgi.com

Date: Sat, 13 Dec 1997 15:00:59 GMT
From: adams@chuck.dallas.sgi.com (Chuck Adams)
To: qrp-l@Lehigh.EDU
Subject: [32672] Daily Solar Reports
Message-ID: <199712131500.PAA03210@chuck.dallas.sgi.com>

Thanks Paul NA5N for the graph. I have gotten email from
several and since it has been six months since I posted the
information, here it is again:

There is a daily mailing of current solar flux information
from NOAA and you can get their email by sending to

majordomo@sel.noaa.gov

an email and in the BODY of the email place

subscribe forecast

This will keep you up to date on what the solar flux is
doing. But there is a better place to look at the general
trends and that is a web site http://www.dxlc.com/solar/

The trend seems to be a rise in solar flux with a decrease
in the A-index (good news).

I have been listening to 10M since before sunrise. I was
hearing signals on 10M before any other bands above 40M. :-)

Working on the HR2510 as we speak.

FYI

Chuck Adams K5FO CP-60 RUFZ score of 90,233
http://reality.sgi.com/adams adams@sgi.com

Date: Sat, 13 Dec 1997 07:04:49 -0800
From: Jeff Grudin <grudin@pacific.vdbs.com>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [32673] RE: FS: RS DSP 40
Message-ID: <3492A411.2A0A@vdbs.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The RS DSP was offered for sale at a reasonable price. No overstated claims were made about it's functionality. It has been extensively reviewed in several magazines and has had a few go arounds on this list.

I have a DSP 59+, It is an excellent DSP unit and I use it routinely. There is no question it is better as a DSP unit than the RS DSP.

I also have a RS DSP 40 unit. I use it for another purpose. It is a very good amplifier and speaker, and it has a fair amount of filtration. I frequently use it with my Sierra mobile. It offers enough volume to allow me to hear well while mobile, is compact, and has the speaker built in. While it doesn't offer the selectivity of the DSP 59+, it offers enough filtration to decrease the engine noise to tolerable limits.

I also use it as an amplified speaker in my shack with all my QRP rigs. Again it offers some filtration and in conjunction with the ABX mod actually works about as good as the DSP 59+. (that is my opinion from practical experience, not on a test bench)

As an entry into DSP, a good amplified speaker with some filtration, and a great addition to QRP mobile, I don't think you would go wrong with a unit such as this. Especially for the price.
--
73 de Jeff AC6KW
grudin@vdbs.com
_____
QRP-L #16   Private Practice : Companion Animals and Exotics
Norcal QRP #1292   Ocean Animal Clinic / Cat Clinic of Santa

Cruz
                                                    Santa Cruz,
California

          QRP'ers do it with less energy (but lot's of enthusiasm)!

Date: Sat, 13 Dec 1997 09:22:36 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: Gary Surrency <gsurrency@juno.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [32674] Re: FOX Pile-Ups
Message-ID: <Pine.SOL.3.91.971213091957.13424A-100000@GPFN1.GPFN.SK.CA>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

AMEN to it all Gary!...it 'aint broke so it needs no fixin'...72
_Bruce(VE5RC)

On Sat, 13 Dec 1997, Gary Surrency wrote:

> I prefer the system that is presently in use. ;-)
>
> Sort of along the lines of quantum theory. You know, the Heisenberg
> Uncertainy Principle. I'm never sure if or when I'll get the Fox. That's
> what makes the chase so much fun.

> 72,
>
> AB7MY
> Gary Surrency
> Chandler, AZ (Near Phoenix), QRP-L #571, AZ ScQRPions, ARRL VE
>
>

Date: Sat, 13 Dec 1997 09:27:35 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: David Feldman <dgf@netcom.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [32675] Re: Found... Texas Bugcatcher (ps sri the typo)
Message-ID: <Pine.SOL.3.91.971213092535.13424B-100000@GPFN1.GPFN.SK.CA>

MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Well David it was a really cheeky comment and I'm sure it was all it was cracked up to be...this group sure knows how to laugh and have a good time...Merry Christmas and Happy New Year!...72 - Bruce(VE5RC)

On Sat, 13 Dec 1997, David Feldman wrote:

> Tnx to all helping me find this.
>
> The typo in the header completely escaped me until about the 5th person
> that (snicker snicker) pointed it out!
>
> Dave
>
>

Date: Sat, 13 Dec 1997 15:35:24 GMT
From: adams@chuck.dallas.sgi.com (Chuck Adams)
To: qrp-l@Lehigh.EDU
Subject: [32676] FOX Volunteers and Stuff
Message-ID: <199712131535.PAA03220@chuck.dallas.sgi.com>

Paul et.al.,

Thanks for the volunteering for the next season.

Anyone else wanting to be a fox. Please do not email to me.
The email will go to /dev/null. Sorry.

I will announce in September of 1998 a call for volunteers.
No bribes accepted ^h^h^h^h^h^h^h no lineups considered
before then. Reason --- you will probably loose your antenna
in an ice storm this winter. :-) If you don't then it wasn't
a good antenna anyway. ;-) ;-)

The foxhunt was designed to be a simple exercise. I am
amazed at its popularity and happy, but along with growth
comes all kinds of issues which will never ever be resolved.
Everything in nature has resource limits and the foxhunt is
a issue of time, both for the fox and the hunters. It is not
unlike any other form of contest or competition, friendly

or otherwise.

I have been asked everything that I think can possibly be asked.

1. More foxes? Don't think that many want to spend more than 4 hours a week on this. :-) Get on the air and just work people.

2. Other bands? No. 40M was my favorite choice for nighttime weekday communication. Besides, there are probably more 40M QRP rigs than all the other bands combined if you consider HB single band rigs. Don't you think so?
   Some time ago another group tried 75M SSB and it didn't come back for a repeat. If it was easy everyone would be doing it.

3. And then you have seen a lot of postings on schemes to make it easier like RIT, Split Freq, code speeds, lists, ... Sounds like trying to work through a pileup with the DXCC QRO guys. :-)

4. Year round hunt? No, same time limitations and besides there are other bands like the WARC bands (where no contests are allowed) that are great QRP bands.

5. Weekends? No. There are too many other big really big and I mean really BIG BIG contests and activities going on. We'd be noise to them or we should be actively participating in any QRP classification if it exists. Otherwise move over to the WARC bands and just get on the air.

I never thought that this activity when I start it would make QST and have so many participants.

I brought up the discussion with the MN group. I am interested in a 10M for Lunch Bunch, i.e. everyone take a GM-10 or Uniden rig or whatever 5W CW/SSB rig to work with mag-mount whip and work during lunch hour two way QRP as 10M starts up in the next few years.

OK, let me work on the FOX scores today and post later or on Sunday. I will also post an updated fox schedule for both groups.

FYI

Chuck Adams K5FO CP-60 RUFZ score of 90,233
http://reality.sgi.com/adams adams@sgi.com

Date: Sat, 13 Dec 1997 10:47:27 -0500
From: mjmullins@dow.com
To: <qrp-l@Lehigh.EDU>
Subject: [32677] NW8020 circuit mod to improve VFO stability
Message-ID: <199712131547.AA03978@na3.dow.com>

I just finished an NW8020 kit for 40 meters (from Dan's Small Parts) and was having problems with drift - about 1 KHz per minute initially, and settling down to 50-100 Hz/min after 10 minutes. I noticed that there is an odd network of three ceramic capacitors (C41, C37, C42) in the VFO which have an effective capacitance of 330 pF. I replaced all three with a single silver-mica capacitor, and the stability is now excellent: -35 Hz in the first minute, and less than +/-10 Hz/min afterwards. This was measured with an open case, and the furnace turning on and off.

Does anyone have any idea of why the original circuit used a capacitor network? Also, does anyone have a reference to a description of the circuit? Thanks in advance.
Mike Mullins KD5CMN

Date: Sat, 13 Dec 1997 11:03:14 -0500
From: Michael Neverdosky <MichaelN@cycat.com>
To: qrp-l mailing list <qrp-l@Lehigh.EDU>
Subject: [32678] Info wanted, NIDA Trainer model 105
Message-ID: <3492B1C2.8862C91F@cycat.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I am looking for manuals/schematic, etc., for the NIDA Corp
Trainer model 105.
This is a AM/FM broadcast band tranceiver, apparently used for
electronics
training.

I picked up 2 of these at a swap meet.
Nice big steel box, power supply, circuit blocks on plugin cards,
etc., I figure
these will be great for experimentation but it will be a lot
easier if I can
get at least a schematic.

Anybody have the training manuals that used this box?

thanks

michael N6CHV

Date: Sat, 13 Dec 1997 11:06:16 +0000
From: "Benjamin F. Poinsett" <benmail@erols.com>
To: QRP-L@Lehigh.EDU
Cc: n0tu@webaccess.net, paul1@wizard.sfu.ca, evhall@ix.netcom.com
Subject: [32679] Headset for the Sierra
Message-ID: <34926B9B.4F83@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Some of the folks on the list requested that I share the suggestions
I received for a headset for the Sierra. Here they are:

1. Sony Pro Studio (expensive but worth it)

2. Radio Shack Nova 42 (on sale for $9.99)

3. Radio Shack Nova 43

4. Radio Shack Nova 44

5. Radio Shack Nova 45

6. Radio Shack Optimus Pro 25

Looks like I'll be spending some time at the RS and at Best Buys
checking these 'phones out. Hope this info helps others as it
helps me.

72 & 73

Ben, K3BP

Date: Sat, 13 Dec 1997 11:12:49 -0500
From: Michael Neverdosky <MichaelN@cycat.com>
To: qrp-l mailing list <qrp-l@Lehigh.EDU>
Subject: [32680] FS or Trade, Whiterook keyer and key
Message-ID: <3492B401.88F906D@cycat.com>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I have a Whiterook MK-88 Pocket Mini-Paddle keyer, and a MK-11
Micro Key, I would like to trade or sell.

These are both in New condition, I tried them out and they have
been
in a box for a few months.
The MK-88 was $59.95 and the MK-11 was 10.95.

I would prefer to trade for interesting QRP gear, but I will
consider
cash offers.

thanks

michael N6CHV

Date: Sat, 13 Dec 1997 16:18:25 +0000
From: "Juan Antonio LÛpez Delgado, EA8QJ, EA-QRP # 196" <jalopezd@arrakis.es>
To: qrp-l@Lehigh.EDU
Subject: [32681] Merry Christmas
Message-ID: <3492B551.65BC0816@arrakis.es>
MIME-Version: 1.0
Content-Type: multipart/mixed; boundary="------------09C9E776814B11A510589A76"

Este es un mensaje multipartes en formato MIME.
--------------09C9E776814B11A510589A76
Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: 8bit

MERRY XMAS 97 and HAPPY NEW YEAR 1998

Best whishes to all.

72
--
Juan Antonio L pez, EA8QJ, EA-QRP # 196
EA-QRP Club - Relaciones y Desarrollo
mailto:jalopezd@arrakis.es
Home Page EA-QRP Club http://www.eaqrp-c.arrakis.es
--------------09C9E776814B11A510589A76
Content-Type: text/x-vcard; charset=us-ascii; name="vcard.vcf"

Content-Transfer-Encoding: 7bit
Content-Description: Tarjeta de Juan Antonio Lopez, EA8QJ, EA-QRP # 196
Content-Disposition: attachment; filename="vcard.vcf"

begin: vcard
fn: Juan Antonio Lopez, EA8QJ, EA-QRP # 196
n: 196;Juan Antonio Lopez, EA8QJ, EA-QRP #
email;internet: jalopezd@arrakis.es
x-mozilla-cpt: ;0
x-mozilla-html: FALSE
version: 2.1
end: vcard

--------------09C9E776814B11A510589A76--

Date: Sat, 13 Dec 1997 08:30:11 -0800
From: Gary Evans <gevans@lightspeed.net>
To: qrp-l@Lehigh.EDU
Subject: [32682] FOR SALE
Message-ID: <3492B811.D9EA107E@lightspeed.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I have the following items for sale. Prices do not include shipping.
    Heathkit HW-8. The rig is like new with no mods. Manual included.
$125
    Heathkit HWA-7-1 Power supply. $35.00
    Two Radio Shack DSP 40 digital signal processors (Still in boxes)
$35.00 each.
I also have the following unbuilt kits:
    St. Louis Tuner - $75.00
    Rainbow Tuner - $25.00
    38 Special - $25.00

Thanks...Gary - AA6R

Date: Sat, 13 Dec 1997 16:41:37 +0000
From: "John T. Croteau" <johnc@geekopolis.com>
To: qrp-l@Lehigh.EDU
Subject: [32683] Ground Rods/Pipes meet Frozen Ground
Message-ID: <3.0.5.32.19971213164137.009692c0@mm.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Anyone have any tips for driving ground rods and pipes into frozen ground?
I am setting up my shack at a new qth and need a ground rod and a 1.25"
pipe driven into the ground (for a 42' tall vertical).

Any and all advice would be greatly appreciated.

73

Date: Sat, 13 Dec 1997 11:48:02 EST
From: ARDUJENSKI <ARDUJENSKI@aol.com>
To: qrp-l@Lehigh.EDU
Subject: [32684] KB7MBI WKND N/T+FOX
Message-ID: <54eb7b58.3492bc45@aol.com>
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Due to poor propagation I will be splitting up the run this weekend.

SATURDAY 1600-1700 PST (0000-0100 14 DEC UTC)
SUNDAY   1600-1700 PST (0000-0100 15 DEC UTC)

FREQ: It will depend on what is open but this is the order I plan to use
depending on condx: 7.14, or 7.135. or 7.115

ALAN KB7MBI

Date: Sat, 13 Dec 1997 12:02:16 EST
From: N9DD <N9DD@aol.com>
To: QRP-L@Lehigh.EDU
Subject: [32685] FOX: N9DD Corrected Log for Dec.11(Long!)
Message-ID: <9cc8815b.3492bf9b@aol.com>
Content-type: text/plain; charset=US-ASCII

Content-transfer-encoding: 7bit

Hi Gang

Hopefully, all the corrections have come in. Listed below is
my corrected Fox Log for Dec.11, 1997. There were a couple
state changes, so if anyone is keeping track of state rankings,
please note the changes. Changed items have a * to the right
of the corrected info. Many thanks to everyone listed and to the
multitude who tried, but didn't make it. My next Fox stint is
(UTC) Feb. 5 0100-0300. See you then! Tom N9DD

Total States Worked: 33 Provinces: 2
QSOs By State/Province:

TX 17
NY 8
MN 6
PA 5
CT,MD 4
AL,NM,OK,VA 3
AZ,CA,GA,IL,IA,MI,NC,OH,WI 2
AR,IN,FL,MA,MO,MT,MS,NJ,NV,SC,SD,TN,UT,WV 1

ON,SK 1

#	TIME	CALL	SNT	RCV	ST	NAME	NR
1	0100	K1OJ	559	559	TX	OJ	732
2	0101	AA2PF	559	599	NY	DAVE	306
3	0103	KJ3V	559	569	WV	LYNN	1227
4	0104	KA3WMJ	559	589	PA	KEN	355
5	0105	K5ZTY	559	559	TX	BILL	473
6	0106	W3MWY	559	579	MD	GEORGE	3W
7	0107	N2WF	559	559	NJ	BILL	955
8	0108	W1GM	559	569	CT	CHRIS	1177
9	0109	K5JHP	559	559	TX	BILL	825
10	0111	WD4MSM	559	599	IN	BARRY	642
11	0112	W5SB	559	559	TX	BILL	1279
12	0113	N4ROA	559	559	VA	DAN	970
13	0114	WA1QVM	559	579	MA	JOEL	337
14	0116	WA4DAI	559	579	VA	AC	1311*
15	0116	K5ON	559	559	NM	GARY	770
16	0118	N4SO	559	449	AL	KEN*	22
17	0119	W0RSP	559	569	SD	ADE	4W
18	0121	N4KV	559	599	TN	JOHN	1298
19	0122	N4PK	559	559	GA	ED	1307

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20 0123 WD3P  559 449  MD LARRY 1039
21 0124 KS4L  559 599 AL RANDY  468
22 0125 WV3J  559 559  VA PAUL   1224
23 0126 W0CH  559 559 MO DAVE   618
24 0128 N0UR  559 559 MN JIM      799
25 0129 KK4KF 559 559 FL BILL     755
26 0130 WB4EXW    559 589 NC WATSON  5W
27 0132 AA5TA 559 559 TX LARRY 1245
28 0134 AA0ZZ 559 559 MN*CRAIG 1238
29 0135 NI0A  559 559 MN JOHN     689
30 0135 KU7Y  559 539 NV RON       17
31 0137 W5TFB 559 559 TX JACK   282
32 0138 K0EVZ 559 589 MN DOC      861
33 0139 N5LU  559 579 OK BILL      5W
34 0140 NQ7X  559 559 AZ*FLOYD  343
35 0142 W2PFS 559 569  NY HAL      5W
36 0142 AB5UA 559 559 OK CLIFF  478
37 0143 KG2IM 559 579 NY JOHN  1193
38 0145 KA3K  559 599 PA CHAS      5W
39 0147 AA2YK 559 559 NY ERNIE 1346
40 0148 K4GT  559 559 GA JIM     1023
41 0150 K5VUU 559 339 TX ED  1343
42 0153 AB7ST 559 559 UT BOB    129
43 0154 W6ZH  559 549 CA PETE   257
44 0155 N5JI  559 569 TX DICK  1054
45 0156 W5FN  559 599 TX TIM      586
46 0158 KQ5U  559 559 TX TERRY   5W
47 0159 KQ0I  559 559 IA MARK     625
48 0200 N1QQV 559 569 CT KEN      400
49 0202 K1MG  559 559 CA MIKE   614
50 0203 K2SJB 559 579 NY DAVE     757
51 0204 N1OCJ 559 559 CT PAT      409
52 0206 AF5Z  559 559 TX BOB      984
53 0207 W8KC  559 579 MI PAUL      59
54 0209 W3PM  559 599 AL GENE      3W
55 0210 N9KW  559 559 IL JOHN    1257
56 0211 WA9PWP    559 579 WI PAUL     127
57 0212 K1NY  559 559 NY GERRY   5W
58 0214 KK6MC 559 559 NM JIM      411
59 0216 K8CV  559 559 MI WALT     935
60 0217 N3YSI 559 579 PA PAUL      4W
61 0222 KC1FB 559 559 CT JIM       29
62 0224 VE3ELA    559 559 ON KEN     1226
63 0225 W5HNS 559 569 TX HENRY  178
64 0226 N8VAR 559 449 OH RON      263
65 0227 KT3A  559 559 PA CAM       7*
66 0228 N3XRV 559 559 MD CHRIS  655
67 0230 K5UP  559 559 OK GLEN      21
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68 0231 N2VPK 559 579 NY MARK      314
69 0232 KB9IUA     559 449 IL KEVIN  384
70 0233 W5JAY 559 599 AR JAY      1201
71 0234 WB0T  559 559 IA JERRY 1268
72 0235 NF9K  559 599 MN JOEL     1233
73 0237 W5USJ 559 559 TX CHUCK 1306
74 0238 AA9L  559 569 WI RICH     1355
75 0239 N7GS  559 559 MT MAL       815
76 0241 K5NZ  559 579 TX MIKE       5W
77 0243 K8FF  559 599 OH WAYNE 1360
78 0244 N4AC  559 569 NC JOE?    3W
79 0245 KI5IB 559 559 MS MARK? 1352
80 0247 NA5K/M* 559 559 TX SMITTY  84
81 0249 K5OI  559 559 NM TIM        73
82 0250 W2UX  559 559 SC GARY      593
83 0251 WZ2T  559 599 NY RICK      122
84 0252 N7VE  559 559 AZ DAN        5W
85 0253 KA3EAJ     559 559 MD DAVE      245
86 0255 WB0ATR     599 599 MN SCOTT   5W
87 0256 W3PNL 559 579 PA JOE        5W
88 0258 N5JKY 559 559 TX MIKE*  300
89 0259 VE5RC 559 339 SK BRUCE  886*
90 0300 KA5T  559 559 TX LARRY   89

END OF LOG


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Date: Sat, 13 Dec 1997 09:14:08 -0800
From: R Wilkerson <richqrp@home.com>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [32686] CW Net
Message-ID: <3492C260.A452C83D@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Is the CW net still going on Sat. 0900 hrs.???
Could not hear anyone this morning.. 7030-7040kc
--
            Happy Holidays
Rich Wilkerson / WD6FDD / Santee, CA.
             73's  &  72's


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```

Date: Sat, 13 Dec 1997 10:17:31 -0600
From: "Marshall Emm" <mgemm@mtechnologies.com>
To: cqclist@lists.csn.net, qrp-l@Lehigh.EDU, CQC.Officers@bobcat.sni.net,
Committee.Chairs@bobcat.sni.net
Subject: [32687] Tonight's The Night
Message-ID: <199712131717.KAA29905@bobcat.sni.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Tonight is the Great Colorado Snowshoe Run, a quickie event to
separate the Eskimos from the Dogs, or something.

I'll append the rules, and also the rules for the Sled Team
entries (not too late to let me know if you can get a team
together).

Oh, and here's an EMERGENCY RULE, not seen elsewhere. The
exchange is RST spc grid-square antenna-class power. If you
don't know your grid square, use 9999. We can sort it out later
because all you have to do is get your lat/long (if you don't
know it) from www.qrz.com and plug it into
http://w6yx.stanford.edu/~larson/grid2.cgi.

Antenna classes, simply S for single wire, V for vertical, M for
multi-element.

My exchange will be 559 CO DM79 V 5W, which might save you the
trouble of actually listening [g].

Hope to see you all there, and GOOD LUCK!

73
Marshall N1FN

THE GREAT COLORADO SNOWSHOE RUN

Sponsored by the Colorado QRP Club

Need a good excuse to skip the boring company party this holiday
season? Try the Great Colorado Snowshoe Run. It's a short winter
QRP
event designed for fun AND the scientific evaluation of
propagation
and antenna gain. We've limited the contest to a single band,
two
hours and have created competition classes based on your type of
antenna. Exchanges and multipliers include both SPCs AND your

4-character alphanumeric Maindenhead Grid Square designation. Plus,
since it's easy to get lost in a Colorado blizzard, forcing you to
snowshoe around in circles, you can work the same station more than
once. But there must be a half-hour or more between contacts with the
same station. Have some fun and give us your feedback on the event.
We'll award certificates to the top finishers in each antenna class.
We may even come up with prizes, like a one-day supply of Hostess
Snowballs!

WHEN: Sunday, December 14 0300-0500 UTC (Saturday, Dec. 13 Local)

Pacific: Sat., Dec. 13 7-9 pm
Mountain: Sat., Dec. 13 8-10 pm
Central: Sat., Dec. 13 9-11 pm
Eastern: Sat., Dec. 13 10 pm - 12 midnight

BAND: 40 Meters only

MODE: CW

POWER FOR ENTRANTS: 5 watts Maximum

(QRO stations are encouraged to join the run, but we can't accept your
logs as a contest entry. QRP stations can work QRO stations.)

CLASSES: Based on antenna!

S - Single element wire (includes dipole, random wires, Zepp, doublet,
inverted "V", slopers, single element beams, single element loops,
inverted "L", etc.)

V - Verticals (includes single element, ground plane, trapped vertical, anything with vertical polarization and omnidirectional
pattern).

M - Multi-element arrays/beams (includes beams, multi-element

loops,
phased verticals, V-beams, rhombics, etc.)

If you are not sure about your antenna class, send us a description
ASAP (via email to rschneid@ix.netcom.com) and we'll let you know.

Operations may be conducted with different antennas provided all antennas used are in the same class.

EXCHANGE: RST SPC Grid Square Antenna Power

Examples: 549 CO DM79 S 5W

WORKING STATIONS MORE THAN ONCE: The same station may be worked up to
three times during the Snowshoe Run, provided there is a minimum of 30
minutes between QSOs with the same station.

SCORING:
3 points per QSO, the first time each station is worked.
2 points for the second time the same station is worked.
1 point for the third time the same station is worked.

MULTIPLIERS: SPCs and Grid Squares

FINAL SCORE: QSO Points X SPCs X Grid Squares Worked = Total Score

LOG SUBMISSION: Submit logs showing time, callsign, exchange and QSO
points for each station worked.

Example:
0305 W0CQC CO DM79 S 5W 3
0312 N1FN CO DM79 V 5W 3
0336 W0CQC CO DM79 S 5W 2

Please include an alphabetical dupe list showing times and calls, a
list of SPC and GRID SQUARE multipliers, and a summary sheet showing
the antenna class you are entering, a description of your antenna,
power used and your calculation of total score.

Send SNAIL MAIL log submissions to:

Dick Schneider
AB0CD
4464 E Bails Pl
Denver CO 80222

Send EMAIL log submissions (in ASCII format) to:

Jan Medley
KB0WQT
jmedley@ix.netcom.com

Submit logs within 30 days after contest close. Logs must be postmarked no later than January 13, 1998.

WEB SITE POSTINGS: CQC will post a list of received logs, claimed
scores, and propagation/performance data on its web site at http://www.mtechnologies.com/mthome/cqc.htm. Check the Contest page.

SLED TEAM COMPETITION

Yes, as a sideline there will be a Sled Team Competition, aka the Iditerod Division of the Great Colorado Snowshoe Run. To participate, get together with a group of like-minded QRPers and send your team list to Marshall, N1FN at n1fn@mtechnologies.com before the start of the Run.

Sled Teams can be of any size, and may or may not have a designated driver or Lead Dog. When the logs are in, Marshall will extract the entries for team members and calculate the score for each Sled Team (as the average of all team members' scores). Highest Team Score wins special recognition.

###

Date: Sat, 13 Dec 1997 10:20:19 -0700 (MST)
From: n5zgt@swcp.com (Brian Mileshosky)
To: adams@chuck.dallas.sgi.com, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [32688] Re: On The Border

Message-ID: <199712131720.KAA17726@kitsune.swcp.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Chuck et al,
  I'll look around at all the bookmarks I have because I am interested in these kind of sites. However, the thing that came to mind right away was my APRS program. It isn't a database, but you can move a cursor to any point in the world and you can get long/lat from there. You can also zoom into a .25 mile radius as well.
  Do a search on Yahoo for APRS, or go to TAPRs (www.tapr.org) page and there should be a link there. The software is free, and I am almost certain you can use it without a TNC. There are DOS and Windows versions available.
72,
Brian, N5ZGT

At 02:23 PM 12/13/97 GMT, Chuck Adams wrote:
>
>Gang,
>
>The discussion came up previously for the next QTTF
>for state borders. I have a question. Does anyone
>know of an online database with long/lat data say in
>1-5km resolution?
>
>I have a plotting program that I am writing where I need
>the data. Any help greatly appreciated.
>
>It does have to do with some QRP data related to this group.
>
>dit dit
>Chuck Adams K5FO CP-60 RUFZ score of 90,233
>http://reality.sgi.com/adams adams@sgi.com
>
>
>

   Boy Scouts of America   Amateur Radio - N5ZGT
    Eagle Scout (12-6-96)   ARRL QRP: NorCal# 1700 QRP-L# 580 AK/QRP # 125
     JASM - Troop 41   Author of Worldradio's "Youth Forum" Column
    Albuquerque, N.M.   Packet: N5ZGT @ KC5IZT.ALBQ.NM.USA.NOAM
  O.A. Lodge 66 <-W-W-W-<<   Internet: n5zgt@swcp.com
         Please Visit my Homepage at: http://www.unm.edu/~brianm
 ----

Date: Sat, 13 Dec 1997 17:43:29 GMT
From: n4js@pobox.com (John Sielke)
To: qrp-l@Lehigh.EDU
Subject: [32689] Kite Antenna
Message-ID: <3494c7f8.10390053@mail.cyberenet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: quoted-printable

I was looking at Fair Radio Sales webpage (www.wcoil.com/~fairadio),
since someone mentioned they had the little T784 transmitter
(GRC-109), and I was looking to play with one. For $25 what the heck.

Anyway, they also had a Box Kite, designed for antenna support use, as
well as a 330' roll of #22 "antenna wire" designed fr use with the
kite. I ordred one to try out on the boat next spring. The only thing
is, I'm afarid if it's windy enough to fly the thing, it might be too
windy to be out on the water! We'll see........

BTW, Sheldon Hands answered my questions on the GQ40, and I now have
nice smooth sidetone level adjust. A VERY nice working lttle rig. A
proven fox-killer, too.

  _   _   _   _ =20
 / \ / \ / \ / \   John L. Sielke n4js@pobox.com n4js@qsl.net
(N)(4)(J)(S) NJ Grid:FM29LN http://www.qsl.net/n4js
 _/ _/ _/ _/   NJ-QRP #57 QRP-L #884 QRP-ARCI ARQrp #86
  G-QRP #9544 NorCal #1989 CQC AKQRP QCWA FISTS #2781

Date: Sat, 13 Dec 1997 17:50:18 +0000
From: "John T. Croteau" <johnc@geekopolis.com>
To: qrp-l@Lehigh.EDU
Subject: [32690] Rotatable Dipoles (Cushcraft)
Message-ID: <3.0.5.32.19971213175018.009357c0@mm.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Anyone have any experience with any of the Cushcraft
rotatable dipoles? My tallest tree here is 15 feet
and I currently have an R7000 vertical on the roof.

What I am thinking of doing is getting a D3W and D4
and mounting them on a 10 foot mast on the roof and
pointing them in a fixed direction. This should give
me pretty good coverage on 7,14,18,21,24,28 MHz of
horizontal unless these are junk dipoles.

Any other thoughts or ideas would be greatly appreciated
too.

Thanks!

73,
John

Date: Sat, 13 Dec 1997 13:33:32 -0500
From: Zack Lau <zlau@arrl.org>
To: qrp-l@Lehigh.EDU
Subject: [32691] Sorry about that
Message-ID: <3492D4FC.5D33@arrl.org>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I apologize for taking him literally--Zack W1VT

Date: Sat, 13 Dec 1997 10:37:23 -0800 (PST)
From: Monte Stark <ku7y@sage.dri.edu>
To: n4js@pobox.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [32692] RE: FOX Pile-Ups
Message-ID: <Pine.SUN.3.90.971213102924.24612A-100000@vortex>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sat, 13 Dec 1997 n4js@pobox.com wrote:

> >If you are the Fox, you are in control....
>

> On the other hand, this is supposed to be FUN not a control trip......just a
> thought.....

Hi John,

I think you are misunderstanding the use of the word control.

Controling the pile-up means that as the fox you try to insure that
everyone has a chance to be heard.

When the pile-up degrades into pure fighting, not very many are
able to get a pelt. If the fox keeps everything running smothly,
then many are able to get a pelt.

This is not control for the sake of the fox or just for the sake
of control, but rather for the hunters.

One example of control would be to use break-in and when sending
a partial call continue sending that partial call until you can't
hear anyone still calling you! Just doing that helps reduce the qrm
on your freq when trying to get the rest of the call. And it also
gives the whole pile-up a better chance of hearing what you are
asking for.

Anything that is done to reduce confusion/QRM comes under the
name of control. (At least as I see it!)

Enjoy,

cul,

73, Ron,   SOWP 5545M,

.........KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu...........Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Sat, 13 Dec 1997 13:45:08
From: Roger Braker <msebrakr@telepath.com>
To: qrp-l@Lehigh.EDU
Subject: [32693] crystal filter
Message-ID: <3.0.1.16.19971213134508.339f0018@telepath.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>
>I have an old Galexy V ham radio(I know, not typical qrp gear but I
>thought you guys would know about this kinda thing). It's IF filters is at
>9 MHZ with a bandwidth of 2.4 KHZ. The filter is a black box with an
>input, an output, and a ground. I want to if I can make another filter,
>like a crystal ladder filter, with a tighter bandwidth, say 500 Hz, and
>then add a switch so I can switch between it and the other filter. If you
>could provide me with a filter schamatic and/or suggested I would greatly
>appriceate it.   TNX.
>
>73,
>Arnold KD5CKH
>
>
>
>
>
>

Date: Sat, 13 Dec 1997 14:20:33 EST
From: Scottae4vq <Scottae4vq@aol.com>
To: qrp-l@Lehigh.EDU
Subject: [32694] KL rig
Message-ID: <fafe38c.3492e010@aol.com>
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Group:

Tnx to those who responded to my question regarding this new rig...

72's... Scott AE4VQ

Date: Sat, 13 Dec 1997 14:34:00
From: Steven Weber <kd1jv@moose.ncia.net>
To: johnc@geekopolis.com
Cc: qrp-l@Lehigh.EDU
Subject: [32695] Re: Ground Rods/Pipes meet Frozen Ground
Message-ID: <3.0.1.16.19971213143400.0ecfa3ec@mailhost.ncia.net>
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

>Anyone have any tips for driving ground rods and pipes into frozen ground?

Hi John,

If you have or can borrow one of those "torpedo" space heaters, cut a hole
in the side of a gavinized garbage can, near the top, place it top down
over the ground you wish to "defrost" and blow the heater into it. It will
defrost 6-8" of frost in an hour or so.

My buddies in the satelitte buisness used to use this so they could dig the
hole for the support pipe in Febuary.

72,

Steve, KD1JV....In the White Mountains of New Hampshire

"Melt Solder"

Date: Sat, 13 Dec 1997 14:53:45 EST
From: ka7you@juno.com
To: QRP-L@Lehigh.EDU
Subject: [32696] Available--HWA-7-1 Power Supply Manual
Message-ID: <19971213.120313.7567.6.KA7YOU@juno.com>

I'm cleaning out some old file drawers

I have a HWA-7-1 Power supply manual, in good condition. If anyone
wants a copy, or just the schematic, I can provide that.
If someone wants the original, that can be arranged too; After it has
been copied for everyone else.
7 3,

Date: Sat, 13 Dec 1997 13:07:05 -0800
From: Stan <stan@cruzio.com>
To: JFelts4572@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [32697] Re: Serra Mods?
Message-ID: <3492F8F9.4193@cruzio.com>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

JFelts4572 wrote:
>
> Just ordered a Serra for Christmas! Anyone out there have any mods (espicially
> power output) you could email me? Thanks for any input.

I take no credit for the following mods..
Most were published by Dave Meacham w6emd

First thing is to get good caps on the output filter. I used silver micas,
but poly's should be good too. I also found a significant improvement by
removing one turn from L5.

T-2 is supposed to perform better with a larger ratio on the low bands and
56 pf cap across the secondaries (I think) for the high bands. Haven't
done that yet, but i will.

I put in a heftier zener on the final to prevent possible clipping .

I changed the driver from a 2n2222 to a 2n5109 and added a 10 ohm emitter
resistor in parallel with the 20 that is already there.

I think thats all I did , going from memory here.

That got me to 5 out on 40 and 3.6 on 20.

The last thing I did was replace the final With a pull from
an old CB radio. I used a 2sc1306 because thats what I had .

I now have 5 out on 20 as well, havent played with the higher bands yet.

I have viewed the the output on a spectrum analyzer and it is cleaner
than the stock setup by about 6db.

Stan N6XU

Date: Sat, 13 Dec 1997 16:38:38 -0500
From: Zack Lau <zlau@arrl.org>
To: qrp-l@Lehigh.EDU
Subject: [32698] Re: Off the wall antenna question...
Message-ID: <3493005D.6BEA@arrl.org>

Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

If the parabolic reflector is small, consider
investigating backfire array techniques.--Zack W1VT

Date: Sat, 13 Dec 1997 16:47:07 -0500
From: ckrelic@usaor.net
To: qrp-l@Lehigh.EDU
Subject: [32699] RE:FS:C/21 Parts
Message-ID: <3493025A.9D5383C8@usaor.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

 Thanks for all the replies, they are gone.

72 Curt
      Ka3ivb

Date: Sat, 13 Dec 97 12:02:13 HST
From: mike@krypton.nmr.Hawaii.Edu (Mike W. Burger)
To: qrp-l@Lehigh.EDU
Subject: [32700] HI Owl rpt
Message-ID: <9712132202.AA17535@krypton.nmr.Hawaii.Edu>

Well I can tell you a 3 element full size YAGI at 100 feet is something
very different than a couple of Hustler mobile whips on a concrete
balcony. It was amazing. Got things assembled and was ready to go
30 minutes early. Had some great QSO's including some list members.
Such an antenna really makes the most of five watts. Sorry if the
operating got a bit sloppy, it was a very long day.

KF6DRN   Larry, Eureka, CA 100W
W1FZY   Paul, Athol, Mass 150W (pounding loud signal)
AB7TT   Joe, Peoria, AZ, 4W
KR4YS   Jeff, Great Falls, VA, 5W
WE6W Ed,   Very hard to copy, weak signal, bad propogation distance

N4HF Hugh, Troy, VA

It was so much fun, I left the rig set up and If I can keep the eyes propped open tonight, I will try again at 1000-1100 Zulu Sunday near 7.028 Mhz. The big antenna was fun, but the real rush was contacting people from the qrp-l list. Thanks

Mike Burger University of Hawaii at Manoa Department of Chemistry
AH7R - QRP-L #1053 - FISTS #3225 - BL11ch - Honolulu County

PS I heard several extremely faint signals that I just could not pull out of the QRM and noise. The Alinco really needs some help and I have a DSP unit on order for it. I regret that I was not able to work all who made an effort to listen for me.

Date: Sat, 13 Dec 1997 15:12:08 -0700
From: Andy Fox <foxes@theriver.com>
To: qrp-l@Lehigh.EDU
Subject: [32701] Antenna Question (sort of long)
Message-ID: <34930838.74B1@theriver.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello,

I put together a WM-2 kit last weekend. Very nice - worked first time. Of course, the next thing I had to do was check my output across the (40m) band. I noticed that both the forward and reflected power measurements increased with frequency. The actual power out must be increasing with frequency. I figured that the antenna must be resonant at a point higher in frequency than 7.150 MHz, and that I should add some wire to each end. I borrowed an antenna analyzer from another ham, and it shows that the SWR increases with frequency (over the same range), which would lead me to believe that the antenna should be trimmed down. I wouldn't worry too much about it, except that the SWR is at least 2.3:1 and the rig (NorCal 40A) only puts out a few of Watts. The antenna is a 1/2 wave dipole fed with RG-213. The center is at about 15 feet (highest point on the house) and the ends are at 8 feet. Here's the data, for anyone interested enough to read this far:

Freq (KHz)	Fwd (W)	Ref (W)	Act (W)	SWR	R (Ohms)
7000	0.50	0.25	0.25	2.2:1	200
7025	0.75	0.25	0.50	2.3:1	200

7050 1.00 0.25 0.75 2.4:1 150
7075 1.50 0.50 1.00 2.5:1 100
7100 2.00 0.50 1.50 2.5:1 100
7125 2.00 0.50 1.50 2.5:1 90
7150 2.00 0.50 1.50 2.6:1 80

I'm aware that the dipole really ought to be about 50 feet higher in the air, but it just isn't posiible at this QTH. I also expected the output of this rig to be lower at the band edges than in the middle, but it's obviously doing OK at the high end (for power out, not SWR). Any helpful hints? Maybe I should just stop fooling around with it and GOTA (Get On The Air) as is. I really am interested in solving the problem, though.

Thanks in advance.
73 de KK7HV
Andy Fox

Date: Sat, 13 Dec 1997 14:26:16 -0800 (PST)
From: doug hauff <slmachco@fix.net>
To: qrp-l@Lehigh.EDU
Subject: [32702] 38 Special Custom Enclosures
Message-ID: <199712132226.OAA17211@fletch.fix.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

The 38S enclosures are on the fifth setup, machining holes and engraving in rear panel, this is the last before anodizing. They will go out to platers tuesday, back thursday, I will begin shipping friday dec. 19. Sorry for extended delay, we have been experiencing some machine peoblems, but all are running well now. also helping to slow the process is the relative delicacy of these parts - every part is carefully cleaned and inspected, and the milling machine vise cleaned and inspected before every part is run. Also, the engraving is rather delicate also - one thousandth inch (.001") difference in part height will chage the size and appearance of the engraving. The parts were all held within .005" (+ or - .0025") in length in previous operations, so they were sorted by each thousandth in length...the same is required of the last operation drilling/engraving front panel. These operations are touchy enough that I run every one myself...consider, if you drop a part, it's junk, if you drop anything on it, it is junk, if you mash a chip into it with the milling vise, it is junk, one gets to feeling with these parts, a hard look and it's junk! So I take my time and try not to lose any(only screwed up a few so far)...but we are almost there! this next week for sure!
Also, heatsink material in house, I will squeeze them in asap, this week if

possible!

Thank you all for your patience!! 72 Doug Hauff KE6RIE

Date: Sat, 13 Dec 1997 14:15:09 -0500
From: "JakeCart" <JakeCart@ix.netcom.com>
To: <qrp-l@Lehigh.EDU>
Subject: [32703] How I set up my Pixie II / MRX-40 / Tick Keyer combo (long)
Message-ID: <199712132229.QAA21094@dfw-ix8.ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Hello to all:

I've had some inquiries about how I set up my Pixie II / MRX-40 combo so I thought I'd post a description to the list.

First of all, I'm not an experienced builder. All of my building consists of 3 audio amps, the MRX-40 (the Columbus Ohio QRP Club kit), the Pixie II (the HSC kit) and the Tick Keyer. Despite my inexperience, my setup seems to work. Here is how I did it.

I initially planned to switch both the power and the antenna from the Pixie to the MRX-40. I decided against that because the MRX-40 takes a couple seconds to power-up -- I was concerned I'd miss the first couple characters that someone would send responding to my call. I ended up leaving the power on for the MRX-40 all the time, switching the power off to the Pixie on receive, and switching the antenna between the two.

I put my Pixie and 9v battery in a 4.75x4x2 Ten Tec aluminum enclosure. I mounted an on/off switch, BNC antenna jack, the Pixie key and phone jacks, and a DPDT send/receive switch on the box. I also drilled an extra 1/4" hole in the front of the box. My MRX-40 is in a Celestial Seasonings tea tin and a 3-wire "umbilical" cord connects it to the Pixie box. The 3 wires are antenna, power and ground. The Tick Keyer is also in a Celestial Seasonings tea tin and is powered by a 3 volt battery in an "N-type" holder.

My DPDT send/receive switch has 6 terminals on it (as you all know). One side (3 terminals) is used to switch the antenna from the Pixie to the MRX-40 (the MRX-40 is wired to the bottom terminal -- I like to flip the toggle up on receive). The other side is used to switch the power (actually the ground side of the battery is what I switched). At first I

wired the negative lead from the battery to the middle switch terminal and the bottom one to the MRX-40 and the top one to the Pixie. But as I mentioned the MRX-40 took a second or two to power up, so I wired a little jumper from the center switch terminal to the bottom one so the MRX-40 is always powered.

I use Radio Shack earphones that have a volume control in their lead. To use my Pixie II / MRX-40 combo I flip the T/R toggle up to listen. To transmit I first turn the earphone volume down -- the Pixie signal is VERY loud in the earphones, then I flip the toggle down. As I key the Pixie I can hear the signal in the earphones (I adjust the volume for a comfortable level) and I tune the MRX-40 for a nice sounding signal. I figure that tunes the MRX-40 pretty close to the Pixie's frequency.

There are a few things I plan to do to my little rig. First I plan to get another MRX-40 kit and mount it inside my Ten Tec enclosure. The MRX-40 is a neat little kit -- its nice to build something and then be able to turn it on and immediately know that it works.

Second, I'd like to increase the selectivity of the MRX-40. At my location it picks up a lot of strong sw broadcast and amrad stations making it difficult to distinguish the station responding to my call. [I must be in a good spot for reception, when I built one of my audio amps I touched the circuit and heard an sw broadcast station -- I guess the fillings in my teeth are resonant. :-)] I figure there must be some combination of torroid coils, caps and trimmer caps that I can put between the antenna and the receiver that will help focus the rig on 7.040. Any suggestions??

Third, I need to use some power source other that 9 volt batteries. Once the batteries run down to about 8 volts, they won't properly operate the rig. I'll rig up a 9 volt regulator and a couple electrolitics and run the rig off 12 volts.

Well, I hope that makes sense. The Pixie II / MRX-40 / Tick Keyer combo works for me -- so far I've got 9 states and Quebec. If you have any questions about my setup please send me a message direct.

73/72,

Jake [N4UY]   Vienna, VA (Washington DC suburbs)

QRP-L #821, G-QRP #9557, AK/QRP #175, CQrp #46,
NJ-QRP #74, NorCal#1457, ARCI #9392, FISTS #3450

WAS QRP W/C 48/47 (need HI and MS)
WAS QRPp W/C 9/1 (200 milliwatts on a Pixie II / MRX-40 / Tick Keyer combo)
DXCC-Pixie W/C 002/001

Date: Sat, 13 Dec 1997 18:58:41 EST
From: scarylar@juno.com (larry a netz)
To: qrp-l@Lehigh.EDU
Subject: [32704] "F" Beacon on 7.038??
Message-ID: <19971213.155531.5471.0.scarylar@juno.com>

Anyone know the origin of the beacon that sends a triple "F" on 7.038 in slow code??
My friend W6ARK says sometimes it appears to send "S".

Thanks in advance,

Larry
KF6DRN

End of QRP-L Digest 938
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